<400> 9034
```
tttcgtgctt ctaggaagta gaacgccggc tcgcatgcct gcccgcccgc cagcctgccg      60
ggtacggcct tttccgccgg ggcttccagg tcaaagaatt cgcctttgcc gctaccgctt     120
tcttaccctc cgcacccgtt aagttctccg gtcgggcggc agtctctgaa cacttagccg     180
cgccatccgg ggtcacaccg cctggaagga ggtgacgggg gcggcgcggg gcgcggacac     240
tccccgctga gagtccgcct gccatggact cggaatatta cagcggcgac cagtcagatg     300
atggtggtgc taccccagta caggatgaac gggattcagg gtcagacggt gaggatgatg     360
taaatgagca acactccgga tcagacactg gaagtgtaga acgtcattca gagaatgaaa     420
ctagtgatcg agaagatggc ctccccaaag ggacatcatg tgacagactc tgagaacgat     480
gagcccttaa atcttaatgc tagtgactct gaaagtgagg agcttcacag gcaaaaggac     540
agcgactctg aatctgagga acgtgcagag cctcctgcaa gcgattctga aaatgaggat     600
gtcaatcagc atgggagcga ctctgagagt gaagagacca ggaaattacc tggtagtgac     660
tctgaaaatg aggaacttct taatgggcat gcaagtgact cagaaaacga agatgttggg     720
aagcatcccg ccagtgattc tgagattgag gagctccaga agagtcctgc tagtgactct     780
gaaacagaag atgctctaaa acctcaaatc agtgactctg agagtgagga acccccaagg     840
caccaagcca gtgactccga aaatgaggag cctcccaaac ctcgaatgag tgattctgaa     900
agtgaggagc ttcctaaacc tcaggtcagt gattcagaaa gtgaggaacc cccaaggcac     960
caggccagtg actctgaaaa tgaggagctt cccaaacctc gtatcagtga ctcaaaaagt    1020
gaggaccctc cgaggcacca ggccagtgac tcagaaaatg aagagcttcc caaaccccga    1080
atcagtgatt cggaaagtga ggatccccca aggaaccagg ccagtgattc ggaaaatgag    1140
gagctaccca accccgagt cagtgactct gagagtgagg ggcctcagaa ggggcctgcc    1200
agtgactcag aaactgagga tgcgtccaga cacaaacaga agccagagtc agatgatgac    1260
agcgacaggg agaataaggg agaggataca gaaatgcaga atgactcctt ccattcagac    1320
agccatatgg acagaaaaaa gtttcacagt tctgatagtg aggaggaaga acacaaaaaa    1380
aaaaaaatgg acagtgatga agatgaaaaa gagggtgagg aggagaaagt agcgaagaga    1440
aaagctgctg tgctttctga tagtgaagat gaagagaaag catcagcaaa gaagagtcgt    1500
gttgtctctg atgcagatga ctctgacagt gatgctgtat cagacaagtc aggcaaaaga    1560
gagaagacca tagcatctga cagtgaggaa gaagctggga aagaattgtc tgataagaaa    1620
aatgaagaga aggatctgtt tgggagtgac agtgagtcag gcaatgaaga agaaaatctt    1680
attgcagaca tatttggaga atctggtgat gaagaggaag aagaatttac aggtttttaac    1740
caagaagatc tggaagaaga aaaaggtgaa acacaggtaa aagaagcaga agattcagat    1800
tctgatgata acataaagag aggaaaacat atggactttc tgtcagattt tgagatgatg    1860
ttgcagcgaa aaaagagcat gagtggcaag cgcagacgga accgcgatgg tggcaccttt    1920
attagtgatg cagacgacgt cgtgagtgcc atgatcgtca agatgaatga agctgctgag    1980
gaagacagac agttgaacaa tcaaaaaaag ccagcactga aaaaattaac tttactgcct    2040
gctgtagtta tgcaccttaa gaagcaggac cttaaagaaa cattcattga cagtggtgtg    2100
atgtctgcca tcaaagaatg gctctcacct ctaccagata ggagtttgcc tgcactcaag    2160
atccgggagg agctgctgaa gatcctgcaa gagctgccta gtgtgagcca ggagaccctg    2220
aagcatagtg ggattggacg agcagtgatg tatctctata aacaccccaa ggagtcaagg    2280
tctaacaagg acatggcagg gaaattaatc aatgagtggt ctaggcctat atttggtctt    2340
acctcaaact acaaaggaat gacaagagaa gaaagggagc agagagatct agaacagatg    2400
cctcaacgac gaaaaatgaa cagcactggt ggtcagacac ccagaagaga cctggaaaag    2460
gtgctgacag gagaggagaa ggctcttaga cctggagatc ctggattctg tgccccgtgc    2520
                                                                     2526
aagggg
```

<210> 9035
<211> 499
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (93)...(497)
<223> similar to gi3358089 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9035
acccacgcgt ccgaaaagag cagagctacc atgtcctctt ggagcagaca gcgaccaaaa   60
agcccagggg gcattcaacc ccatgtttct agaactctgt tcctgctgct gctgttggca   120
gcctcagcct gggggggtcac cctgagcccc aaagactgcc aggtgttccg ctcagaccat   180
ggcagctcca tctcctgtca accacctgcc gaaatccccg gctacctgcc agccgacacc   240
gtgcacctgg ccgtggaatt cttcaacctg acccacctgc cagccaacct cctccagggc   300
gcctctaagc tccaagaatt gcacctctcc agcaatgggc tggaaagcct ctcgcccgaa   360
ttcctgcggc cagtgccgca gctgagggtg ctggatctaa cccgaaacgc cctgaccggg   420
ctgccccgg gcctcttcca ggcctcagcc accctggaca ccctggtatt gaaagaaaac   480
                                                                     499
cagctggagg tcctggagg

<210> 9036
<211> 589
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (355)...(560)
<223> similar to gi939954 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9036
ttcccagtga ctgctatggc tattgccccc aataccaaca accttgtcat cgctcattcg   60
gaccagcagg tatttgagta cagcatccca gacaaacagt atacagattg gagccggact   120
gtccagaagc agggctttca ccaccttggg ccccaagggg ataccccta caacacaaca   180
tcagttttca tcccaagaga ccgatgcaca tccttctcca tggatgccta catgttctgc   240
atcatttgac aagtcattgc ccccttccca aatgacaaaa accttactcc tacaatccca   300
tttccctccc cacgaatgaa tcagatgtca tccggaggcg cacagctcat gcttttaaaa   360
tttctaagat atataagcct ctactcttca tggatctttt ggatgaaaga acactcgtgg   420
cagtagaacg gcctctggat gacatcattg ctcagctccc accacccatt aaaaagaaga   480
aatttggaac ctaaaacagg gcactgtctg tgtccttcct tgaactgtct accctgttgc   540
                                                                     589
ttttcacaaa tcatggtaat aaaacaagtt attcttgaaa aaaaaaaa

7502

<210> 9037
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (247)...(402)
<223> similar to gi3004482 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9037
```
ggcacgagga gcaaattatt tcttacgtga ctttagagaa aacggctacc tatctgaccc    60
caaaacgact tgaggaaact gtttccacgg tcctgctgca gaggggaagc acagtcgtca   120
agaagagagt ggggtcagga tcaaaacaca tttagtgtga cttagggaaa gaaaacattt   180
tccctctttg aacctctctg gatacagtca ttttgcctct acttgaggat caactgttca   240
acctcaatgg cctttcagga cctcctgggt cacgctggtg acctgtggag attccagatc   300
cttcagactg tttttctctc aatctttgct gttgctacat accttcattt tatgctggag   360
aacttcactg cattcatacc tgggccattc gctggctggg gt                      402
```


<210> 9038
<211> 1440
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (290)...(1443)
<223> similar to gi53169 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9038
```
cgtgagggta gccctggctg aggctcggag gtcctcccgg gctgttcaga gggccccaag    60
cggtagccac gttctgatac tggctagaag ccaggggagg gagcttgggg taaggggagg   120
gccctgaggg aggggtcaga cgctttagga aagagttaat gcgaagaggg ggaggggata   180
ggacgaagaa accgaaggga aagctcaggg ccgccaactt ccagctgcag cggcgacttt   240
cagtttcatt tccacggacc ctcctgcctg ggccgcagcc gccgccgcga tgcccagtaa   300
gttcagctgc cggcagctcc gggaggcggg ccagtgtttc gagagtttcc tggtcgttcg   360
gggactggac atggagacag atcgcgagcg gctgcggacc atttataacc gcgacttcaa   420
gatcagtctc ctctgcttct ggcagctttg ggaccccgc ccctggcttc tcctccatgc    480
tgtatggaat gaagattgca aatctggcct acgtcaccaa gactcgggtc aggttcttca   540
gactcgaccg ctgggccgac gtgcgggtcc cagaaaagag gagaatgaag ctggggtcag   600
```

```
atatcagcaa acaccacaag tcactgctag ccaagatctt ttatgacagg gctgagtatc   660
ttcatgggaa acatggtgtg gatgtggaag tccaggggcc ccatgaagcc cgagatgggc   720
agctccttat ccgcctggat ttgaaccgca aagaggtgct gaccctgagg cttcggaatg   780
gcggaaccca gtctgttacc ctcactcacc tcttcccact ctgccggaca ccccagtttg   840
ctttctacaa tgaagaccag gagttgccct gtccactggg ccccggtgaa tgctatgaac   900
tccatgtcca ttgtaagacc agctttgtgg gctacttccc agccacagtg ctctgggagc   960
tgctgggacc tggggagtcg ggttcagaag gagccggcac attctacatt gcccgcttct  1020
tggctgccgt cgcccacagc cccctggctg cacagctgaa gcccatgact cccttcaagc  1080
ggacccggat caccggaaac cctgtggtga ccaatcggat agaggaagga gagagacctg  1140
accgcgctaa gggctatgac ctggagttaa gtatggcgct ggggacatac tacccacctc  1200
cccgcctcag gcagctgctc cccatgcttc ttcagggaac aagtatcttc actgccccta  1260
aggagatcgc agagatcaag gcccagctgg agacagccct gaagtggagg aactatgagg  1320
tgaagctgcg gctgctgctg cacctggagg aactgcagat ggagcatgat atccggcact  1380
atgacctgga gtcggtgccc atgacctggg accctgtgga ccagaacccc aggctggtcc  1440
```

<210> 9039
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (65)...(756)
<223> similar to gi1537070 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
    <400> 9039
ggcacgagag gggagcgcgc tgcgcgtcgc aggagtaacc tacttggtct cctgctttcg    60
cgacatggcc ttcaattttg gggctccctc gggcacctcc ggtaccgctg cagccaccgc   120
ggcccccgcg ggtgggtttg gaggatttgg gacaacatct acaactgcag gttctgcgtt   180
cagcttttct gccccaacta acacaggcac tactggactc tttggtggta ctcagaacaa   240
aggttttgga tttggtactg gttttggcac aacaacggga actagtactg gtttaggtac   300
tggtttggga actggactgg gatttggagg atttaataca caacagcagc agcagcaaac   360
tacattaggt tatagttgca tgcccagtaa taaagatgaa gatgggctag tggttttagt   420
tttcaacaaa aaagaaacag agattcgaag ccaacaacaa cagttggtag aatcattgca   480
taaagttttg ggaggaaacc agacccttac tgtaaatgta gagggcacta aaacattgcc   540
agatgatcag acagaagttg ttatttatgt tgttgagcgt tcgccaaatg gtacttcaag   600
aagagttcca gctacaacgc tatatgccca ttttgaacaa gccaatataa aaacacaatt   660
gcagcaactt tggtgttacc cctttctatg actagaacag aactttctcc tgcacagatc   720
aaacagcttt tacagaatcc tcctgctggt atgtttctag aatcacagag ttcaaa       776
```

<210> 9040
<211> 541
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (129)...(391)
<223> similar to gi3043718 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9040
ctctgttctg cattataagc aacatgacca gcagccacgt ttgttgtaat tttttaaata   60
tgtggaaaaa aagcaagata tcaaccatgt attaccttaa ccaagatgcc aaattatcta   120
acttgtttct ccaggcaagc agcccaacaa cagggacagc tcccaggagc cagtcaaggt   180
tgtctgtctg tccatccact caggacatct gcagaatctg tcactgcgaa ggggatgaag   240
agagccccct catcacaccc tgtcgctgca ctgggacact gcgctttgtc caccagtcct   300
gcctccacca gtggataaag agctcagata cacgctgctg tgagctctgc aagtatgact   360
tcataatgga gaccaagctc aaacccctcc ggaagtggga gaaactacag atgaccacaa   420
gtgaaaggag gaaaatattc tgctctgtca cattccacgt aatcgcgatc acctgtgtgg   480
tttggtcttt gtatgtattg atagaccgaa caacggagga aatcaagcaa ggcaatgtat   540
t   541

<210> 9041
<211> 487
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (48)...(488)
<223> similar to gi1381029 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9041
cgcagcgcgg cctgggctcc cgcgtgttta aaagtgcgct tgtggctgct gctgtcttaa   60
ctcctgtgct tggcggacag acaggcgaga tggcggcgga ggtgttgccg agtgcgaggt   120
ggcagtattg tggggcgccc gacgggagcc agagagctgt actggtccag ttctccaacg   180
ggaagctaca gagtccaggc aacatgcgct ttaccttgta tgagaacaaa gattccacca   240
accccaggaa gaggaatcaa cggatcctgg cagctgaaac agataggctc tcctatgtgg   300
gaaacaattt tgggactgga gccctcaaat gcaacacttt gtgcaggcac tttgtgggaa   360
ttttgaacaa gacctctggc caaatggaag tatatgatgc tgaattgttc aacatgcagc   420
cactattttt cagatgtatc agttgagagt gaactggcgc tagagagtca gaccaaaact   480
tacagag   487

<210> 9042
<211> 1763
<212> DNA

<220>
<221> misc_feature
<222> (254)...(1413)
<223> similar to gi5689507 in the genepept database release 114,
  Run with FASTXY 3.3t00, default parameters

<400> 9042
```
gtttggagga accttctcac cttctcctaa cacatgggga ccattcccag tgagacctgt    60
gaatcctggc aacacaaata gctctccaaa gcataataac acaagccgtc tacctaacca   120
gaacgggact gttttaccct cagagtctgc tggactagct actgccagtt gtcctatcac   180
tgtctcttct gtagttgctg ccagtcagca actgtgtgtc actaataccc ggactccttc   240
atcagtcaga aagcagttgt ttgcctgtgt gcctaagaca agtcctccag caacagtgat   300
ttcttctgtg acaagcactt gtagttccct gccttctgtc tcctctgcac ctatcactag   360
cgggcaagct cccaccacat ttctacctgc aagtacttct caagcacagc tttcttcaca   420
aaagatggag tctttctctg ctgtgccacc caccaaagag aaagtgtcca cacaggacca   480
gcccatggca aacctatgta ccccatcttc aactgcaaac agttgcagta gctctgccag   540
caacaccccg ggagctccag aaactcaccc atccagtagt cccactccta cttccagtaa   600
cacacaagag gaggcacagc catccagtgt gtctgattta agtcctatgt caatgccttt   660
tgcatctaac tcagaacctg ctccattgac tttgacatca cccagaatgg ttgctgctga   720
taatcaggac accagtaatt tacctcagtt agctgtacca gcacctcgag tttctcatcg   780
aatgcagccc agaggttctt tttactccat ggtaccaaat gcaactattc accaggatcc   840
ccagtctatt tttgttacga atccagttac tttaacacca cctcaaggcc caccagctgc   900
agtgcagctt tcttcagctg tgaacattat gaatggttct cagatgcaca taaacccagc   960
aaataagtct ttgccaccta catttggccc agccacactt ttcaatcact tcagcagtct  1020
ttttgatagt agtcaggtgc cagctaacca gggctgggga gatgtccact gtcctcacga  1080
gttgctacag atgcctcttt cactgttcag tcagcgttcc tgggtaactc agtgcttgga  1140
cacttggaaa acatgcaccc tgataactca aaggcacctg gcttcagacc accttcccag  1200
cgagtttcta ctagtccagt tgggttacca tccattgacc catcaggcag ctccccatct  1260
tcctcttctg ctcctctggc aagttttttcc ggcataccag gaacaagggt tttcctgcaa  1320
gggccagctc ctgttgggac tcctagtttc aacagacaac attttctcc ccatccttgg   1380
acaagcgcct caaactcatg taggaatcct ggaggaactc ttcccaaaga gttttgaata  1440
agttattaaa tcatttattt cagttacaac accatgttgt aactttagta aactaagtgg  1500
tatacagatg cccaaggttt gttctgtggt catgtgaaaa aattgtcagt catttttagc  1560
atagaaaact tgagaattat tctttcaagc caaaaatgtt ttacagtaga acttggatca  1620
agaaaagagg tactaggctg ggtgcagtgg ctgacacctg taatcccagc actttgggag  1680
gcctaggcaa gaggatcgct tgagcccagc agttggagac cagcctgggc aacagcaaga  1740
ccctgtctct attaaaaaaa aaa                                          1763
```

<210> 9043
<211> 1626
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (502)...(1615)
<223> similar to gi190897 in the genepept database release 114,
  Run with FASTXY 3.3t00, default parameters

7506

```
      <400> 9043
aaccttccca ctgcccctcc cagacgccgc gtttccgaga gggtgtcctt agaagaccaa      60
agtccgggga tggcggcaga gggggaccag ctcagcctgc ctccccaagg gacctcagac     120
ggccctgagg acatgccccg ggagagcacg gagcaaggcc aggacacaga ggtgaaagcc     180
agcgatcctc acagcatgcc agagctgccc aggacagcca aacaaccccc agtcccgccc     240
cccaggaaaa aacggatctc tcgacaactg gcctcgaccc tcccagctcc cttagagaac     300
gctgagctct gcacacaggc gatggccttg gagacaccca cgccgggtcc acccagagag     360
ggccaaagcc ctgcttctca ggctgggact cagcaccctc ctgcccaggc cactgcccat     420
tcccagagct ctccagagtt caagggctcc ctggcctccc tctcagacag cttggggggtg     480
tctgtcatgg ccaccgacca ggactcctac tccaccagca gcacggagga ggagctggag     540
cagttcagca gccccagcgt gaagaagaag ccctccatga tcctgggcaa ggctcggcac     600
cggctgagct ttgccagttt cagcagcatg ttccacgctt tcctctccaa caaccgcaag     660
ctgtacaaga aggtggtgga gctggcgcag gacaagggct cgtactttgg cagcctggtg     720
caggactaca aggtgtacag cctggagatg atggcgcgcc agacctccag cacggagatg     780
ctgcaggaga ttcgcaccat gatgacccag ctcaagagct acctgctgca gagcaccgag     840
ctcaaggccc tggtggaccc cgccctgcac tccgaggagg agctcgaagc aattgtagag     900
tctgccttgt acaaatgtgt cctgaagccc ctgaaggaag ccatcaactc atgcctgcat     960
cagatccaca gcaaggatgg ttcgctgcag cagctcaagg agaaccagtt agtgatcctg    1020
gccaccacca ccactgacct aggtgtgacc accagccgtg ccggaggtgc ccatgatgga    1080
gaagatcctg cagaagttca ccagcatgca caaggcctac tcacctgaga agaagatctc    1140
catcctgctc aagacctgca aactcatcta cgactccatg gccctcggca acccagggga    1200
agccctatgg ggcggatgac ttcctggcct gtgctcatgt atgtgctggc ccgcagcaac    1260
cctcacggga gatgcttctc aatgtggagt acatgaatga gctcatggac ccccgccctg    1320
cagctggggg agggttccta ctatctgacc caccacctac ggggccctgg agcacatcaa    1380
gagctgcgac aagatcacgg tgacccggca gctgagtgtg gaggtgcagg actcccatcc    1440
accgctgtga gcgccggcgt actctcaact aaggcccggg cctcccgctc ctccgtacag    1500
gacttcatct gcgtgtcgta cctggagccc gagcagcagg cgcggacgct ggcgtcgcgg    1560
gcggacaccc aggcccaggc gctgtgcgcg cagtgcgcgg agaagttcgc ggtggagcgg    1620
tcgcaa                                                               1626


      <210> 9044
      <211> 1163
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (391)...(1153)
      <223> similar to gi4886483 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters


      <400> 9044
tgtgtttcaa cattaatact attattttgc agcagttcat attgcttttg ccaccaacct      60
gaagacatat agaggcagaa ggacaggaat aattctattt gtttcctgtt ttgaaacttc     120
catctgtaag gctatcaaaa ggagatgtga gagagggtat tgagtctggc ctgacaatgc     180
agttcttaaa ccaaaggtcc attatgcttc tcctctctga gaatcctgac ttacctcaac     240
```

```
aacggagaca tggcacagta gccagcttgg agacttctca gccaatgctc tgagatcaag      300
tcgaagaccc aatatacagg gttttgagct catcttcatc attcatatga ggaaatcagt      360
ggtaaaatcc ttggaaatac aatgagactc atcagaaaca tttacatatt ttgtagtata      420
gttatgacag cagagggtga tgctccagag ctgccagaag aaagggaact gatgaccaac      480
tgctccaaca tgtctctaag aaaggttccc gcagacttga ccccagccac aacgacactg      540
gatttatcct ataacctcct tttttcaactc cagagttcag attttcattc tgtctccaaa      600
ctgagagttt tgattctatg ccataacaga attcaacagc tggatctcaa aacctttgaa      660
ttcaacaagg agttaagata tttagatttg tctaataaca gactgaagag tgtaacttgg      720
tatttactgg cagggtctca ggtatttaga tctttcttta aatgactttg acaccatgcc      780
tatctgtgag gaagctggca acatgtcaca cgtggaaatc ctaggtttga gtggggcaaa      840
aatacaaaac tcagatttcc agaaaattgc tcatctgcat ctaaatactg tcttcttagg      900
attcagaact cttcctcatt atgaagaagg tagcctgccc atcttaaaca caacaaaact      960
gcacattgtt ttaccaatgg acacaaattt ctgggttctt ttgcgtgatg gaatcaagac     1020
ttcaaaaata ttagaaatga caaatataga tggcaaaagc caatttgtaa gttatgaaat     1080
gcaacgaaat cttagtttag aacatgctaa gacatcggtt ctattgctta ataaagttga     1140
tttactctgg gaaaaaaaaa aaa                                             1163
```



```
        <210> 9045
        <211> 1970
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (141)...(1972)
        <223> similar to gi3293537 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```



```
        <400> 9045
cccacgcgtc cggcggggca gaggagggag gcagcgggtg agagttcaga gttcagcagc       60
agcagcccga gcccatgatt cccatatgcc ctgtagtttc tttcacctat gtgcccagcc      120
ggctggggga agatgccaaa atggcgaccg gcaactactt tggattcacc cacagcgggg      180
cggcggcggc ggcggctgcg gcccaatata gccagcagcc agcttcgggt gtagcctatt      240
ctcatccaac tacagttgct agctacactg tccatcaggc tccagtagct gctcacacag      300
ttactgctgc ctatgcacca gcagccgcca cagttgcagt tgccaggcct gctccagtag      360
ctgttgcagc tgctgcaaca gctgctgctt atggaggcta ccccactgca cacacagcaa      420
ctgactatgg ttatactcag aggcaacaag aagcaccacc accaccaccc ccagctacta      480
cacaaaacta ccaggatttc atactcatat gtaaggtcca cagctcctgc tgtagcttat      540
gatagtaagc aatactacca acaaccaaca cagcaactgc tgctgctgta gctgccgctg      600
cccaacctca gccttctgtt gctgaaactt actatcagac agcccccaaa gcaaggttac      660
agccaaggtg caactcagta tactcaagcc cagcaactcg acaagtgaca gccataaaac      720
cagccacacc aagtccagct accactactt tctccatcta tcctgtatcc tccaccgtac      780
agccagtagc agctgcggct actgtggtgc catcctatac tcagagtgct acttacagta      840
ccacagcagt tacatattct ggtacgtctt attcaggtta tgaagcagca gtgtattcag      900
ctgcatcttc ctactatcaa cagcagcagc agcaacagaa gcaggcagca gcagcagctg      960
ctgctgctgc tgcaacagct gcctggacag ggaccacctt tactaaaaaa gcaccattcc     1020
aaaataaaca actgaaacca aaacagcctc ccaaaccacc acagattcac tattgtgatg     1080
tttgtaagat cagctgtgct ggaccacaga cttataaaga acatttagaa ggacagaaaa     1140
aaaaaaaaaa gaagctgcat tgaaagcctc acaaaatacc agcagcagca acagttctac     1200
tcgtgggact caaaatcagc tacgttgtga gctctgcgat gtgtcttgta caggagcaga     1260
```


                                7508
```

```
tgcgtatgct gcccacattc gtggtgctaa gcatcagaaa gtggttaagt tacacacaaa   1320
acttggtaaa cccattccat caacagaacc aaatgttgtt agccaagcta cttcttcaac   1380
agctgtatct gcttcaaagc cgactgcctc tccttcaagc attgcagcaa acaattgtac   1440
tgtgaatacg tcatcaattg caacgtcttc aatgaagggt cttacgacta caggaaactc   1500
gtctcttaat agcacatcta acactaaagt atcagcagtg cctacaaata tggctgccaa   1560
gaaaacatct accccaaaaa taaattttgt tggtggtaat aagctgcagt caacaggaaa   1620
taaagcagaa gacataaaag gaaccgaatg tgttaaaagt actcctgtca cttctgctgt   1680
gcagattcct gaagtaaagc aagacacagt gtcagaacca gtcacacctg catctcttgc   1740
tgctttacag agtgatgtgc agccagtggg ccatgattat gtggaagagg tacgaaatga   1800
tgaaggaaaa gtaattcggt tccattgtaa attatgcgag tgcagcttta atgatcccaa   1860
tgctaaggag atgcacttaa aagggcgaag acacagactt caatataaaa aaaaagtaaa   1920
tccagatttg caagtagaag taaagcctag tattcgagca agaaagattc              1970
```

```
<400> 9046
gcggccgccg ggcattcggg cgccgcggca gctgcatccg gctgccggcc ggcggcccga     60
cgcgtcagcc cgcccccgct tccgcccgac tgtcctgctg cacgacccct tccaactctc    120
ctttcctccc ccacccttga gttacccctc tgtctttcct gctgttgcgc gggtgctccc    180
acagcggagc ggagattaca gagccgccgg gatgccccaa ctctccggag gaggtggcgg    240
cggcggggggg gacccggaac tctgcgccac ggacgagatg atccccttca aggacgaggg    300
cgatcctcag gagggaaaag atcttcgccg agatcgtcaa tcccgaagag gaaggcgatt    360
tagctgacat caagtcttcc ttggtgaacg agtctgaaat catcccggcc agcaacggac    420
acgaggtggc cagacaagca caaacctctc aggagcccta ccacgacaag gccagagaac    480
accccgatga cggaaagcat ccagatggag gcctctacaa caaggaccc tcctactcga    540
gttattccgg gtacataatg atgccaaata tgaataacga cccatacatg tcaaatggat    600
ctctttctcc acccatcccg agaacatcaa ataaagtgcc cgtggtgcag ccatcccatg    660
cggtccatcc tctcaccccc ctcatcactt acagtgacga gcactttct ccaggatcac    720
acccgtcaca catcccatca gatgtcaact ccaaacaagg catgtccaga catcctccag    780
ctcctgatat ccctactttt tatcccttgt ctccgggtgg gggtggacag atcaccccac    840
ctcttggctg gcaaggtcag ccctgata                                        868
```

<220>
<221> misc_feature
<222> (1051)...(1927)
<223> similar to gi533381 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9047
tgaaggcccg tatgcgtatt cgacatttac gactattgat agaaaaacca tatcagagat   60
ttatggtaag ctataaaggg tggtagagat aagcctactt actgatgtat attaagagga   120
agtcattttg tgtacactaa attggaaact tttttcttta tagacacaag gtgtgaacat   180
agaacagttc acaggtaaga gttacttgta tttgtaattt tttcagggct ttggagtaaa   240
taatagagtg gaagtatggg taacatttat aaaataaaat gatgacagag gctgtattcc   300
tttgggtaca gaattgaaga acacagtatc atacagtggg aaaaggaaag ggcccgattc   360
gttgtctgat ggacctgctt gcaaaaggcc agctctgttg cattcccaat ttttgacacc   420
acctcaaaca ccaacgcccg gggagagcat gggaagatgt tcatctcaat gaacccaaac   480
agggagagca gtgctgatct gcttcagaac attatcaaca ttaagaatga atgcagcccc   540
gtttccctga acacagttca agttagctgg ctgaaccccg tggtggtccc tcagagctcc   600
cccgcagagc agtgtcagga cttccatgga gggcaggtct tttctccacc tcagaaatgc   660
caaccattcc aagtcagggg ctcccaacaa atgatagacc aggcttccct gtaccagtat   720
tctccacaga accagcatgt agagcagcag ccacactaca cccacaaacc aactctggaa   780
tacagtcctt ttcccatacc tccccagtcc cccgcttatg aaccaaacct ctttgatggt   840
ccagaatcac agttttgccc aaaccaaagc ttagtttccc ttcttggtga tcaaagggaa   900
tctgagaata ttgctaatcc catgcagact tcctccagtg ttcagcagca aaatgatgct   960
cacttgcaca gcttcagcat gatgcccagc agcgcctgtg aggccatggt ggggcacgag 1020
atggcctctg actcttcaaa cacttcactg ccattctcaa acatgggaaa tccaatgaac 1080
accacacagt tagggaaatc actttttcag tggcaggtgg agcaggaaga aagcaaattg 1140
gcaaatattt cccaagacca gtttctttca aaggatgcag atggtgacac gttccttcat 1200
attgctgttg cccaagggag aagggcactt tcctatgttc ttgcaagaaa gatgaatgca 1260
cttcacatgc tggatattaa agagcacaat ggacagagtg cctttcaggt ggcagtggct 1320
gccaatcagc atctcattgt gcaggatctg gtgaacatcg gggcacaggt gaacaccaca 1380
gactgctggg gaagaacacc tctgcatgtg tgtgctgaga agggccactc ccaggtgctt 1440
caggcgattc agaagggagc agtgggaagt aatcagtttg tggatcttga ggcaactaac 1500
tatgatggcc tgactcccct tcactgtgca gtcatagccc acaatgctgt ggtccatgaa 1560
ctccagagaa atcaacagcc tcattcacct gaagttcagg agcttttact gaagaataag 1620
agtctggttg ataccattaa gtgcctaatt caaatgggag cagcggtgga agcgaaggat 1680
cgcaaaagtg gccgcacagc cctgcatttg gcagctgaag aagcaaatct ggaactcatt 1740
cgcctctttt tggagctgcc cagttgcctg tcttttgtga atgcaaaggc ttacaatggc 1800
aacactgccc tccatgttgc tgccagcttg cagtatcggt tgacacaatt agatgctgtc 1860
cgccctgttg atgaggaagg gagcagaccc aagtactcgg aacttggaga acgaacagcc 1920
agtgcatttg gttcccgatg gccctgtggg agaacagatc ccgacgtatc ctgaagggaa 1980
agtccattca gcagagagct ccaccgtatt tagctcccat taagcttgga gcctggctag 2040
caacactcac tgtcagttag gcagtcctga tgtatctgta catagaccat ttgccttata 2100
ttggcaaatg taagttgttt ctatgaaaca aacatattta agttcactat tatatagtgg 2160
gttatattaa aagaaaagga ggaaaaata   2189

<210> 9048
<211> 1066
<212> DNA
<213> Homo sapiens

7510

<220>
<221> misc_feature
<222> (315)...(1067)
<223> similar to gi5912096 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9048
agcccccca actgacgccg tgttgacggc cctgaatccc ggctcgaccc acgcgtccgg   60
gcccagaaag gtggggcagg aacgatccca gccttcagct aattctgtca cctctaacgt   120
ctggggcaag aacgtttcag gaaaccaagg gggaccgagg ctcagcgccg aagagaaaga   180
cgccaactgc gggacctgtc gcgcctcccg cgccggggtg gagctgaccc cgccgagtcc   240
cgcccctgcc tgagttcgcc agtggtccag gagccgcttt tttccactcg ggaagacttc   300
agagaagtct cacaaaggac tcggctggct gcttttctca gtgccgaagc cgcgccatgc   360
tcgttctcag aagcggcctg accaaggcgc ttgcctcacg gacgctcgcg cctcaggtgt   420
gttcatcttt tgctacgggc cctagacaat acgatggaac gttctatgaa tttcgtactt   480
attaccttaa accttcaaat atgaatgcgt tcatggaaaa tcttaagaaa aacattcatc   540
ttcggacctc ttactctgaa ttggttggat tctggagtgt agaatttgga ggcagaacga   600
ataaagtgtt tcatatttgg aagtatgata attttcctca tcgagctgaa gttcggaaag   660
ccttagccaa ctgtaaggaa tggcaagaac aatctatcat tccaaatttg gctcgcattg   720
ataaacaaga gacggaaatt acttacctga taccatggtc caaattacaa aagcctccaa   780
aagaaggagt ctatgaacta gctgtttttc agatgaaacc tggtgggcca gctctgtggg   840
gtgatgcatt tgaaagagca attaatgccc atgtcaattt aggctacaca aaagtagttg   900
gtgtttttcca cacagaatat ggagaactca acagagttca tgttctttgg tggaatgaga   960
gtgcagatag tcgtgcagct gtgagacata agtcccatga ggatcccata agttggggcg   1020
gtgttcggga gagtgtcaac tacctaagtt tctcagcaga atatgg   1066

<210> 9049
<211> 566
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (138)...(566)
<223> similar to gi4226115 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9049
ccacccacgc gtccgcgctt tccggccaac acagaggtgc ctgaaggctg gttggggtgg   60
tgaggcccga ggcagctctt gttcagcttc tggaatttct gagcagccct cgtcagtaca   120
agatggaccc cgtagtcttg agttacatgg acagtctact gcggcaatca gatgtctcac   180
tattggatcc gccaagctgg ctcaatgacc atattattgg gtttgcgttt gagtactttg   240
ccaacagtca gtttcatgac tgctctgatc acgtcagttt catcagccct gaagtcaccc   300
agttcatcaa gtgcactagc aacccagcag agattgccat gttccttgaa ccactggacc   360
tccccaacaa gagagttgta tttttagcca tcaatgataa ctccaaccag gcagctggag   420
gaacccactg gagtttattg gtctacctcc aagataaaaa tagctttttt cattatgatt   480
cccatagcag gagcaactca gttcacgcaa agcaggtagc agagaaactg gaggctttct   540

taggcagaaa aggagacaaa ctggcc

<210> 9050
<211> 1296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (536)...(1065)
<223> similar to gi42318 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
<400> 9050
gcagccactt gagatcacca ggcctcctgt agaccggcgg gtgcagggcc cggtcccaga      60
gttaagggtg aaagtcgttt ggaaacccca ggccaacagg accctttggc agctgaggct     120
ggaaacagcg gaaccaaagg cagacggtcc tcagttgctt gggcggacgt ggacccaatc     180
tgtccgtcct tacaagtttc ccccaggggc aggacctaga cgcgcggcgc attcaggttc     240
tcctggaccg tagtggtagt cgctggcccg agttagaggc cagctgagaa gtcttcgtgc     300
ttcagatttg tttacctaca aaatgcttcg gtatccatat ttttgtagaa tgtataaaga     360
atgcctttca tgttggttgg aatctggcat acctaattta ggtgtctggc caaaaagaat     420
acatactaca gcagaaaaat atagagaata tgaagcccgg gagcaaacag atcaaactca     480
agcccaggag ttacacagat ctcaagatag agattttgaa actatggcta aattacatat     540
tccagtaatg gtggatgaag ttgttcattg tttgtcacca caaaaaggac agatttttct     600
agatatgaca tttggttcgg gagggcacac aaaagccatt ctgcagaagg agtcagatat     660
tgttctctat gccttggaca gagacccaac agcttatgca ttagctgaac atctttcaga     720
gttgtatcct aaacaaatcc gagctatgct gggccagttc agccaggcag aagccttatt     780
aatgaaagct ggagtgcagc caggaacttt tgatggagtt cttatggatc ttgggtgttc     840
ctccatgcaa cttgatactc ctgaaagagg ttttttcctt cggaaagatg gccctttgga     900
catgagaatg gatggtggca gatcaacagg cacttgcatc tatcctaaga acatacgggg     960
aggagaagca tgccagaaa atcgcttcag caattgttca ggcacgcagc atctacccca    1020
tcaccagaac ccagcagctt gccagcatcg ttgcaggtag cctcattaat tctcaacagt    1080
gtctaagaga aaaaattata tttacatgtg tgcatgtgtt tgtgtgcatg cacgcatgca    1140
catgtgtgtg tgcattaatc ccccagactc cctgagggat tcatttgtac ttgaaatcca    1200
ggatagaatc ttgcctatcc ttctctaatg tcagctttct tttgcttttg catgcttctc    1260
ccccaaaaaa cctctccccc aaatacaatt tttaag                             1296
```

<210> 9051
<211> 1170
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (111)...(1171)
<223> similar to gi5823961 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
        <400> 9051
ggagtcttcg gcgagaccta ccgggccctg tctgtgccgg ccgtgagctg cggcaggacg    60
gctggagatt acttctctaa caggatcacc agtttgctcc acaaagcaca atgtctcgat   120
cacgacaacc cccccttgtg accggcatct ctccaaatga agggatacca tggacgaagg   180
tcacaatcag gggagaaaat ctggggactg gccccaccga cctcataggc ttgaccattt   240
gtggacataa ttgcctcctg acggcagaat ggatgtctgc aagtaaaata gtatgtcgag   300
tgggacaagc caaaaatgac aaaggagaca ttattgtcac cactaagtca ggtggcagag   360
gaacctcaac agtctctttc aagctactca aacctgagaa aataggcatt ttggatcagt   420
ctgctgtgtg gggttgatga aatgaattat tatgatatgc gcactgacag gaacaaagga   480
attccgccct tgtccttacg tcctgctaac ccgcttggca ttgagattga aaaaagtaaa   540
ttttcgcaga aggacttaga aatgctattc catggaatga gtgctgattt tacaagtgag   600
aatttctcag cagcctggta tcttatagag aatcactcaa acaccagttt tgagcagctc   660
aaaatggcag tcaccaacct aaagagacag gctaacaaga agagtgaggg cagcctggcc   720
tatgtgaaag gcggtctcag tacattcttc gaagcacagg atgccctctc agccatccat   780
caaaaactag aagcagatgg aacggaaaaa gtagaaggat ccatgacgca gaaactggag   840
aatgttctga acagagcaag taatactgca gacacattgt ttcaagaagt attaggtcgg   900
aaagacaagg cagattccac tagaaatgca ctcaatgtgc ttcagcgatt taagtttctt   960
ttcaaccttc ctctaaatat tgaaaggaat attcaaaagg gtgattatga tgtggttatt  1020
aatgattatg aaaaggccaa gtcacttttt gggaaaacgg aggtgcaagt tttccaagaa  1080
atattatgct gaagtaggaa ccaagggttg aagctttaag agaattactt ctgggataaa  1140
ttgcttgaga caccatcaac tttacatgac                                   1170
```

        <210> 9052
        <211> 1918
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1700)...(0)
        <223> similar to gi4680677 in the genepept database release 114,
        ‘ Run with FASTXY 3.3t00, default parameters

```
        <400> 9052
tttttttttt ttgaggaccg atcacagaat aattttattt ataatgaatg ttattctctc    60
cagacttcaa ctcatcagtt tactcttata acagagaatc aatttaaata acaccatcaa   120
tatggaatga aatataaaac aatctgctat tacgtatccg atttctttga taggatataa   180
ttatagccaa ttagtcttgc aacacatggt ccatttccag tgaaattctc aataaactgc   240
taggaattac agtccttcat attgacattt tattgtaaag tctgctagac gtggctctct   300
tgattgcttt ggaagtcagt caaacaaatg ctctgaagaa aaggctgaca ccgcaaaaca   360
acttcatatg aaatctgtcc acaaatggga tagcaatgcc tccagatcct ttggttttta   420
tcagtccctt tggaaagtta attaattgat gattgttccc ttaaaattct attttaaata   480
ggacaatcac tgtctataca gtctgtgcca gcgtccttga ctttcttgct tccactgatt   540
tgtttatcaa atcatacagt gatggtagtc ttattttatc catatttttg ctgtaaacat   600
taagaaatat accaaggaca actaacaaac cagaccatac atactgaaac gtgaatggtt   660
```

                              7513

```
tagcaaagaa tataaacgaa agtacaatgg tcattgcttt tcttcctgtt gtcactgtta      720
cagcaataag tgcaccaaaa attttaatca aagccagaac aaaggagatt ccaaaatatc      780
cagtgaggga aaaaaggaac gcataaccat aggtccgaac tggattcttt gcacaaaatg      840
ttactgcagg gcctaatcca ctagtgcatg tcaatcccag taaaatgtat acaaaaccaa      900
ttgaatacga atacaatacc atttcagaat tagaagcatt atgaagtttc atagctttct      960
cttgaacatt tccaatgacg gcatctgcac atagtgccag ggaaataagc accacacccg     1020
tcaggttgaa atttggtgca gttgtgctgt cagcgagggt aaaccatatc aggccaaggc     1080
tcatacatat ggcagcagac acatctgcaa cattataacg ctttccttga ataaaaactc     1140
ctcctagcat aacaggaatc aatttgcagc acttgaagat gacttgggta gggtaattca     1200
ggtagcccaa ggaagtgttt gataacccca tagtacccac agttagaaaa gctattatca     1260
tgtaggtttt tcctggtatt ctcctccttt tgtcctgaat aagctgaagt tctattaggc     1320
caaatatgga gtaaaaggca aactgcacta aggtaaggta ccagccacag gacttaaaac     1380
cctccactga aaatattaat tcctgtaaat acccataaat taggtaaaat acaaaaactc     1440
cagcaacaca tatgaaaaac tgagtaagtt tgttaaactt gctgagattc atgccaagta     1500
ccacaacgtc gtcaactgac ttgatgtgtg gtgacattgt ttgggttttg gatggcacag     1560
tgatagaaat atatttcctg gaattgttga acttgagatc cattgttatt ttgctgcatt     1620
caatgctttc agagttattt ttgttggttt cctggactgt tatgttctgt atgtcttttg     1680
cttgctgtgt caagtccatg ccattatgcc ttgattaact gcgctccgga atcaatcatg     1740
gccccaaggc cggtatgtca cccggaaggg tgacggcagc ctgcgtggcg tctgagctag     1800
acggagcatc tccccctccc ctggtccgtc gccatcacct cctcttcctc ctcctcctcg     1860
cccactcctg cactttccac cgcggcggtc gcctccccgg aaagcactct caacgaaa       1918
```

<210> 9053
<211> 979
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (187)...(979)
<223> similar to gi1354050 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9053
```
tactcggggc gggtgctgct tgctgcaggc tctggggagt cgccatgcct acaacacagc       60
agtcccctca ggatgagcag gaaaagctct tggatgaagc catacaggct gtgaaggtcc      120
agtcattcca aatgaagaga tgcctggaca aaaacaagct tatggatgct ctaaaacatg      180
cttctaatat gcttggtgaa ctccggactt ctatgttatc accaaagagt tactatgaac      240
tttatatggc catttctgat gaactgcact acttggaggt ctacctgaca gatgagtttg      300
ctaaaggaag gaaagtggca gatctctacg aacttgtaca gtatgctgga aacattatcc      360
caaggcttta ccttttgatc acagttggag ttgtatatgt caagtcattt cctcagtcca      420
ggaaggatat tttgaaagat ttggtagaaa tgtgccgtgg tgtgcaacat cccttgaggg      480
gtctgtttct tcgaaattac cttcttcagt gtaccagaaa tatcttacct gatgaaggag      540
agccaacaga tgaagaaaca actggtgaca tcagtgattc catggatttt gtactgctca      600
actttgcaga aatgaacaag ctctgggtgc gaatgcagca tcaggacat agccgagata       660
gagaaaaaag agaacgagaa agacaagaac tgagaatttt agtgggaaca aatttggtgc      720
gcctcagtca ggtggaaggt gtaaatgtgg aacgttgctg acagattgat gtgactgaca      780
ctaagcatcc tgtagctgga cgaccgggta gaaggggggca cgaagcgacg agcagtacat      840
gcagctcctg gagtcaaccc tgaaggaaat gtgctgcgag caccctacca ttgcctagcc      900
acgggagaac ttagtaaact ggtcatagga cgactgtaaa agctgctgta atacccgggt      960
```

gagacgagga agagagcac

<210> 9054
<211> 815
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (45)...(508)
<223> similar to gi3169719 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```
<400> 9054
ctctgggatt caagatggag gcgctgagtc gagctgggca ggagatgagc ctagcggccc    60
tgaagcaaca cgacccctat atcaccagca tcgcagacct cacgggccag gtcgctctgt   120
acaccttctg ccccaaggcc aaccagtggg agaagactga tatagaaggg accttattcg   180
tatatcgaag gtcagcttcc ccttaccatg gttttaccat tgtgaatcga ctaaatatgc   240
acaatctagt tgaaccagtg aataaagatt tggaatttca gctccatgaa ccatttcttc   300
tgtatagaaa tgcaagcttg tcgatatata gtatctggtt ttatgacaag aatgactgtc   360
accgcatagc aaaactcatg gctgatgtgg tagaagagga gacacggcga tcccagcaag   420
ctgctcggga caaacagagt cccagccagg ccaatggctg cagcgaccac aggcccatcg   480
acatcctgga gatgctgagc agagccaagg atgagtatga gaggaatcag atgggtgact   540
caaatatctc cagccctggg ttacagccaa gcactcagct ctccaatctg ggaagcaccg   600
agactctaga agaaatgccc tccgggtcac aggataagtc tgctccatct ggacacaagc   660
atctgacggt agaagagtta tttggaacct ctttgccaaa ggaacaacca gcagttgtgg   720
gtctggattc agaagaaatg gagaggttgc caggagatgc ctcccagaaa gagcccaatt   780
cattcctacc atttcccttt gagcagttag gagga                             815
```


<210> 9055
<211> 1011
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (127)...(981)
<223> similar to gi4850185 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```
<400> 9055
gcggccgcgg ctgtggtggt tcccgcagag tggataaaga actgggagaa atcagggaga    60
ggcgaatttt tgcatttatg tcggatcctc agtgaaaata aaagccatga tagttcaaca   120
```

```
tacagagatt tccagcaagc tctctatgag ttgtcatatc atgtaattaa aggaaatcta    180
aagcatgaac aggcatctaa tgttcttagt gacattagtg aatttcgtga ggatatgccc    240
tccattcttg ctgatgtatt ctgcatatta gacattgaga caaattgttt agaagaaaaa    300
agcaagagag actattttac acagttggta ttagcatgtt tgtatttagt ttcagacaca    360
gttctaaagg aacgcctgga tccagaaaca ctggaatcat tagggcttat caaacaatca    420
cagcaattca atcaaaagtc agttaaaatc aagacaaaac tcttttataa agcagcaaaa    480
attcaatttt ggttaaagaa gagaatgaag gttatgccaa gctgattgct gaattggggc    540
aagatttatc tggaagtatt actagtgatt taatcttaga aaatatcaaa tctttaatag    600
gatgctttaa tctggatccc aatagagttt tggatgtcat tttagaagtg tttgaatgca    660
ggccagaaca cgatgacttc tttatatctt tgttagaatc ttacatgagt atgtgtgaac    720
cgcaaacact gtgtcatatt cttgggttca aattcaagtt ttaccaggaa ccaaatggcg    780
agacaccatc atctttatac agagttgcag cagtacttct acaatttaat cttattgatt    840
tagatgatct ttatgtacat cttcttccgg ctgataattg cattatggat gaacacaaac    900
gagaaattgc ggaagctaag caaattgtta gaaagcttac gatggttgtg ttgtcttctg    960
aaaaaatgga tgagcgagag aaagaaaagg aaaaagaaga ggagaacaga g           1011
```

<210> 9056
<211> 447
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (31)...(449)
<223> similar to gi5712131 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```
      <400> 9056
ccaagccgcg gtcccgggcc ggcacccagg atgggcgagg tggaggcccc gggccgcttg     60
tggctcgaga gccccctgg gggagcgccc cccatcttcc tgccctcgga cgggcaagcc    120
ctggtcctgg gcaggggacc cctgacccag gttacggacc ggaagtgctc cagaactcaa    180
gtggagctgg tcgcagatcc tgagacccgg acagtggcag tgaaacagct cccggtgggg    240
gcggagccag tcccagctcc tccctctctt tctgcagctg ggagttaacc cctcaactac    300
cgggacccag gagttgaagc cggggttgga gggctctctg ggggtggggg acacactgta    360
tttggtcaat ggcctccacc cactgaccct gcgctgggaa gagacccgca caccagaatc    420
ccagccagat actccgcctg gcacccc                                       447
```

<210> 9057
<211> 611
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (270)...(614)
<223> similar to gi984143 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9057
gggctctac atgaaccaag gatcctagct ggttattttg attaaaagat gactcaaatg   60
atgttaacac tgatcagact ttagcacgag agctgcagag aaggaagaca ctatgatgag   120
aatatatttg gggttttgag ctgggaaaag acttcttaaa tatgatccag aaagtactgg   180
ccataaggaa aaaatgttaa cagatttgtc tgcaccaaaa tctaccaaga gagtcctttc   240
aactagaact gccgtcacca caatgatgaa catggggaaa gaggagaggt acctgctgta   300
tattctcagg cctttttagaa cacatggagt tgttcctctg gccacatcca cacgaaccta   360
caagaaagga gatgttatag acgtcaagag atgccccacg gatgttacca aggcaaaagg   420
aatgccccac agatgttacc aaggcaaaag aggaagagac tacatgtatc tagtatgctg   480
ttggcatggt tggaaacaaa caacagcatg attcttgcca agagaattca tgtgtgtgta   540
tggagcatac caagcactcc aagagctggg aaggccttca gaaacacgtg agggaaaatg   600
atcaaaagag a   611

<210> 9058
<211> 1462
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (178)...(1462)
<223> similar to gi3877579 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9058
cggacgcgtc cgcccacgcg tccgggggagc agctgcggga gaagcaaagg gacgactgag   60
ggaataatca ggagaccact gaggcgtgaa gtactaggcg tgcgataact gaaggaatta   120
cctggctggt gtttgcttgt tctggagtga tcttctgact ggaaaagaac tatgtcatgg   180
atcaaggaag gagagctgtc actttgggag cggttctgtg ccaacatcat aaaggcaggc   240
ccaatgccga aacacattgc attcataatg gacgggaacc gtcgctatgc caagaagtgc   300
caggtggagc ggcaggaagg ccactcacag ggcttcaaca agctagctga gactctgcgg   360
tggtgtttga acctgggcat cctagaggtg acagtctacg cattcagcat tgagaacttc   420
aaacgctcca agagtgaggt agacgggctt atggatctgg cccggcagaa gttcagccgc   480
ttgatggaag aaaaggagaa actgcagaag catggggtgt gtatccgggt cctgggcgat   540
ctgcacttgt tgcccttgga tctccaggag ctgattgcac aagctgtaca ggccacgaag   600
aactacaaca agtgtttcct gaatgtctgt tttgcataca catcccgtca tgagatcagc   660
aatgctgtga gagagatggc .ctggggggtg gagcaaggcc tgttggatcc cagtgatatc   720
tctgagtctc tgcttgataa gtgcctctat accaaccgct ctcctcatcc tgacatcttg   780
atacggactt ctggagaagt gcggctgagt gacttcttgc tatggcagac ctctcactcc   840
tgcctggtgt tccaacccgt tctgtggcca gagtatacat tttggaacct cttcgaggcc   900
atcctgcagt tccagatgaa ccatagcgtg cttcagaagg cccgagacat gtatgcagag   960
gagcggaaga ggcagcagct ggagagggac caggctacag tgacagagca gctgctgcga 1020
gaggggctcc aagccagtgg ggacgcccag ctccgaagga cacgcttgca caaactctcg 1080
gccagacggg aagagcgagt ccaaggcttc ctgcaggcct tggaactcaa gcgagctgac 1140
tggctggccc gtctgggcac tgcatcagcc tgaatgaggc tggccacctg ccactttgcc 1200

7517

```
ctgccctctg cctccagggc tccactcccc ttccttttct tggtgaaagg cacctccttt    1260
cctgataatg aatggtgttc cctttgcttg gctggggagc cccccaggcc aggtttgctg    1320
gccatagata cctttgggct gcctgggaca ggctccttag gaggattgag ggtgaaagtt    1380
tcccccgagt accctaaacc taggtttggt ccccaatagg gtttggaaag caaagggccc    1440
caactcttca ccaaaaaaaa aa                                             1462
```

<210> 9059
<211> 785
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (176)...(785)
<223> similar to gi488328 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9059
```
ccgctacaca tgaaggtggg tgcacacaca tatgcatacc tcagagtcat gtgtagggtg     60
tgcacacaca tatgcatacc tcagagtcat gtgtgtgggc acatatacgc ttgtgttcac    120
ctgtatgcac atgtggatct gtgcacatgt acacaccaag catgatcgca tatgttctca    180
cacagtcaca tggcacatga agacatgtat acacacacac catgtgtaca cacatggtca    240
cccccacatg catactctgt atatgcttgg acacacacac acaaacttat acacatgggt    300
gcatgcacac acatcctgtg tgcacacatg tgggcacact cactcatacc tgtgcccatt    360
tagtcacata ccgcacacag gggttgtgca cgctcgtgtg tgtgcacctg tgctcataca    420
tgggcccagg gaatactcac acaggtacac tcacagattt acatgtacac acttgggcac    480
aacacacaca taaccaccca cacgtgtgga ttcatgcaca tatgcaattt tttcacccat    540
ttggaccttt tttnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnggctcca ggcttttctc    600
ttacatctcc acggggcccc tgaggtctct tctgcatggg ggtgtcatgg ccagagcacc    660
ccacaaaaga gattttaccc cacaacgtgg gctctaagga gaaatgtcct aacaatgcag    720
ttacctgact ttaaattaaa agttttggaa tgaggaaaaa gcttttgggt ttaatggaaa    780
acttt                                                               785
```

<210> 9060
<211> 1216
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1217)

7518

<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (807)...(597)
<223> similar to gi5565655 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9060
```
tttttttttt ttcatgaaaa ggcacgacat cacttttatg tatgaatgtg agaagaatga      60
aacactacat taacagagaa caagacaaat cagacgggga gaccggacac agcttttgtc     120
caaagtcggt ttgcaggagg cggcaggatt cagcgccatg gggtggccac agaggacaca     180
cagggggtcag cagaggacat gtggggtccg tggccgcgaa cgctgttgag gaaaggcccc     240
agagccccctg gtgtatacag tccccgaaag atgacggacg atgagtgcta tgtgctcagg     300
aggccgggag gctgagcaag ccattccaca ggggacgcac agccttcagg gctgcggacc     360
ccaagggcca gcaggccagt ctttctccga gtttcaactt gcagcgctgg aaagagccgc     420
tccaggctca acctccagtc gtcagagaga aaccaagacc ctctgtcttc accctcatga     480
ccaaagtcag ccgcctgtcc gagcttcctg ctccactcct tgctgctggc tagacacctg     540
gtgtttcaag gctaagaccc acctggactc ctacgttcac gttaatgatt ttggcagatg     600
gagggcagcg tggagttctg cagcacatag gtgcggtcca agaacaggaa gatgcttctg     660
atcatgatca tttgtctgca gtggtcctgc cagcacgtgt taatcttctt taaaaataaa     720
acactatata gtgagttctc taaacggaag gatctgtgcc tggacgtggt cttcacaggc     780
ctgacgcagt tgcttgtaga gcattgggga gactttgtga gaacagagat tttccacagc     840
ctgcaaacaa aagggctaca tcaattcttc agtatgaaca acagattggt tcataaaaaa     900
accctattgt taacatagct gtaatcataa gaaaaaggca ccccacaccc tacccagta     960
cttcaggaat ctacaaataa attacttatt atggctaagt ttagggcact tctcgttgga    1020
acactgcagt ccagtcatag ttggcatggg ggtagaggta acaacagtta atgtgggcac    1080
attgcacctg ctggacctcg ggtcccaggc agctggcctg caccactcct gagcatctat    1140
ggtgcccagt cacttgggac ttctcaacag gttggaattc cccgcncttc tagnggtctc    1200
agttnggggn ntcaat                                                    1216
```

<210> 9061
<211> 1331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (124)...(1333)
<223> similar to gi3478637 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9061
```
catgacatgc ctacgccaag cttggcacga gggtcctaac gcgggaaacg tgcaccttga      60
ctaattcggt tttctgtggc tacgagagca ggcttggcgg gcggaggcgc cagcggatgt     120
ctcatgcaag gatcgtctct gtggctaagc ctcactttcc gctccgcccg ggtgctctct     180
agagcccggt ttttcgagtg gcagtctcca gggctgccga atacagcagc gatggagaac     240
```

```
ggcaccgggc cctacggaga agaacgtcca cgtgaagtcc aggagacgac agtcaccgag      300
ggggctgcca aaatcgcctt tcccagtgcc aacgaggtct tttataaccc ggtgcaggaa      360
ttcaatcggg acctgacatg tgctgtgatc accgagtttg ctcgcattca gcttggggcc      420
aaaggaatcc agatcaaggt tccaggagag aaggacacgc aaaaagtggt cgtggacttg      480
tcagagcaag aggaggaaaa ggttgaactg aaagagagtg aaaacctggc ctcaggagac      540
caacctcgca cagcggccgt ggggggagatc tgtgaggaag gcctgcatgt gctggaaggc      600
ctggcagctt caggcctacg ttccattcga tttgccctag aggtgcctgg gctcagatct      660
gtggttgcaa acgatgcctc cacccgggct gtggatctca tacgccggaa tgtccagctc      720
aatgacgtgg cccacctggt acagccgagc caagcagatg cccggatgct gatgtaccag      780
caccagaggg tgtcggagag gtttgacgtc atcgatctgg acccctatgg gcagcccagc      840
caccttcctg gatgcagctg tgcaggctgt gagtgaagga gggttgctgt gtgtgacctg      900
cacagacatg gcggtgttgg cggggaacag cggggagacg tgctacagca agtacggggc      960
catggccctc aagagccggg cctgccacga gatggccctg agaatcgtcc tgcacagcct     1020
ggacctccgc gccaactgct accagcgctt cgtggtgccg ctgctcagca tcagcgctga     1080
cttctacgtg cgtgtttttg tccgtgtctt caccggccag gccaaggtca aggcctcagc     1140
cagggccaag ttctctgcag cctgtggtcc ccctgtgacc cccgagtgtg aacactgtgg     1200
gcaacgacac cagcttggtg gccccatgtg ggcagagccc atccatgacc tggattttgt     1260
gggccgtgtc ctggaggctg tgagcgctaa ccccggccgc ttccacacct cggagcggat     1320
ccgagggggtc c                                                        1331
```

<210> 9062
<211> 709
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (250)...(553)
<223> similar to gi2851785 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9062
```
ctgacttaca gctcttataa actagtggca atttctgaac ccagccggct ccatctcagc       60
ttctggtttc taagtccatg tgccaaaggc tgccaggaag gagacgcctt cctgagtcct      120
ggatctttct tccttctgga aatctttgac tgtgggtagt tatttatttc tgaataagag      180
cgtccacgca tcatggacct cgcgggactg ctgaagtctc agttcctgtg ccacctggtc      240
ttctgctacg tctttattgc ctcagggcta atcatcaaca ccattcagct cttcactctc      300
ctcctctggc ccattaacaa gcagctcttc cggaagatca actgcagact gtcctattgc      360
atctcaagcc agctggtgat gctgctggag tggtggtcgg cacggaatg caccatcttc      420
acggacccgc gcgcctacct caagtatggg aaggaaaatg ccatcgtggt tctcaaccac      480
aagtttggaa atttgacttt ctgtgtggct ggagcctgtc cgaacgcttt gggctgttag      540
gggtaagtca aaagtgcatt cccccctgcc tcacacattt ttttggttca gcccccccac      600
ttgtcttttt gctcctggtc attcagaact tgcagaagaa tcaacagagt ttttacttga      660
tgaaatggtc ctaataaact gctttttat tcttgctagg aaaaaaaaa                   709
```

<210> 9063
```

<211> 2114
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1833)...(2114)
<223> similar to gi439877 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9063
cttttagtct aactagaatt ttgggattgg tgtacatcta gatgttgttc cttaattcct   60
agaggcaatg acaagatatc tgtatttggc ttcctctcct ggtcctcaca gaactcttat   120
atgatgttgg tctgaaatgt cctatatttc agttaaccat tcaccaaaac acaagtataa   180
aactcaatgt tgacttgtaa tttatcagtt taaacaaaaa tgacaaaatg gaaggtgtat   240
ttgacataat cagaaataaa atttcaaata gcctataatt cacacaaagc ctaggctgga   300
aaatacaagt gctttgactc atttattaaa aaaggcttca tgtaaacctt gcatgagaag   360
atgtccatta gttactcagg atagagggca aagagattat atacaaaaag tattttcaag   420
gactatcttg ttcttccttt ataagaagtt gaatttaatt tttgaagtaa ttacttagga   480
agaaatgcag aggagttcca cagaaaaaga tggcaaccag aatgatattc cgtcagccag   540
attttaaaa ttccttcact ctgaaatttc ttctttgtca gctaaaactg ttttctgggt   600
cagtttcctt aggtgagcct tgttcacatt cagtatcaaa accagctgac atttattatt   660
ttggtttcat tttccttttt gcgtctttat gtttctttcg acaatccata cgcaggttgg   720
ttgttctggc ctcccaagag ttcctgctca tattacttcc tactcctctc cagaataagt   780
cagaaccttg aagtcgttca tcattcttag agaaaaagaa aaatctagtg gtctctttct   840
caagtaatga tgcttctcca ggactggagt ttctgtgatc tgtttcttca gtaacatctt   900
cctcttctga actgctgtct tgtaaacgag ggtcttcctg ccagacaatc tttccaggtt   960
tcactgtttc aactctgtag gtctcttcct ttatgtcttt agtgtctgaa tcaaaaaaag   1020
agaacgtgaa cccgctgggc tgctcagcgt cactggtcag agctgcaggg tcctggattt   1080
cctcaggttt ctctttacca cagtcctcat tccagggtgt gccctcttcc tttttcactgg   1140
tatattttgt agtttggaat atttctttca gatccatagc aatattataa tacatttctt   1200
tagacacctc aggtagtttc tcagcttcct cccttttctt ttttcgtttt gctttacttt   1260
cttttggttt atcatctctt tttctttcgt aagtggcatg gtcttgcttc gttggatcat   1320
aatgtatgat gtccttaaat ttcttagcag ctactgatcc tctgtttgta gaattgctta   1380
agttgatttg caaaacactt tgtacaacat tcagggcttt ctttttttct tcagcaagct   1440
cttcttcctc agcagttttc ttttcattta cctcttcctg ttcctcttca ctgtcagttt   1500
ctagaaatcg agagtccatg cggaatctgt catcggtgcc aaagtgcgac tgtaaatcca   1560
tgagcttctg tccagctctg ccctcaaact gaggtttaat tttgaaccta ttactgtcat   1620
cttcagaatc agattcgtca tcatcactgc tatcaaacag cttccctgat gttttaccca   1680
tagactcttt cacccattcc tctcctggat ggctctgctc ctgagtcgat gtctcctctg   1740
tttcacattc actgtcagaa ccgaagatga tgtgcgttgg cttatcctct ggatgaccat   1800
cctagggagg ccatcgaaag cattgcatct taaaaagatt tatgatgaag actccaaaag   1860
caattgcaac aaaatccaaa attgacaagt gggatctaat taaactaaag agcttctgca   1920
cagcaaaaga aaaacttatc aacaaagtaa acagacaacg tacagaatcg gagaaaatat   1980
ttgcaaacta tgcatctgac aaaggtctaa tacccagaat ctataaggaa cttaaacaaa   2040
tcaacaagca aaaaacaacc aaccctagtg aaaaatgggc aaaggacaca gcagacactt   2100
ctcaaaagac aaac   2114

<210> 9064
<211> 2311

7521

<400> 9064
gcacgagcgc actcctcgca gttggactgg tgggaactgg gaacactgga gacctgattt   60
ctaactgacg ctaccgtcgc ggccgccggc aagttccttt actgtgtttt cttggttcag   120
ccttgaagtg agtcgtggac gatcctctct cagcgtccag cctagacggc ggtgttgctc   180
cggcagcgtt cctgggagcc gagggccaga gactaagtta aaaggcccct ccccatcttc   240
agaacagtcc tgggttctga gcctgccatc caaggaactc aggaggagga gttgacagtc   300
tcttcgttcc taaccagtgt gggacgactt cagcatgtct caggccacca agaggaagca   360
tgtggtgaag gaggtgctag gggagcacat agtgccctcc gaccagcagc agattgtcag   420
ggtactcagg accccaggga acaatctgca tgaggtggag acagcccaag ggcagcgctt   480
cctggtgagc atgccctcca aataccgcaa gaacatctgg atcaagagag gggactttct   540
cattgttgac cccattgaag agggagaaaa ggtgaaggct gaaatctcgt ttgtgctctg   600
caaggaccac gtgcgctctc tgcagaagga ggggttttgg cctgaggcct tctctgaagt   660
ggctgagaaa cacaacaaca ggaacagaca aactcaacca gaactcccag ctgagccaca   720
gttatcagga gaggagtcca gctcagaaga tgattctgac ctgtttgtta acacaaaccg   780
cagacagtat catgagagtg aggaggagag tgaagaggag gaggcagcct gagactccag   840
gacccaattc tccacttgct cagggactgg cccctggctc ttctgggctt ggacattccc   900
agggtgctct gcacatcttc acccctgcat gaggacaaag cagggctcct ctctgaactg   960
atcttttgat tcagagaatt aaacccctgg tgggttggtg acttgttctg gtgtctgagt   1020
ggctctctcg ggggagggag attgtgatga agcgaaaaac tgctccctat ttattaaaaa   1080
ccttgtgggt gggtgggctg aatggggagg aaatgggaaa tggctggagt ctttcccagg   1140
tggtttgttc tttcttattg ggcacttaaa aagtgccagg ccgtgctctg ggccttcttg   1200
catgtgttta acagctggga gcactcctgc ttccttgcct gcttgcagtt cataccaatt   1260
taagcattca ggatgacagc cctaggacct aacacccacc tgcctctaag agacgctcag   1320
gagcccatgg tgcctcgtgc tgttctcccc acctttctag tcaccctgtg tacgggagtg   1380
ctcacctcca ggtactgtgt ccatccccac atacgacctc atctctccca ctctgcacca   1440
tctatcactt tcagaaggtg gctggcaaat ctctctatcc ttaactttgt tttgaatggt   1500
ccatccatct cctgacttta tttgaaacct gattattccc tgaggacatt gattgtctta   1560
taacctttta aatagaggct gcttttccac cctcaccctt cattcttcta accagccctg   1620
acattctcat gagtaacctt ctgccttcac ttccctcttg tgtagcatca attccgtagt   1680
ccaccctaca cccctctgtc tccctccatt ctgttccgct agtaaaaccc taaccctggg   1740
taaacccaat cattcacctc tgtgcccaaa cccaagtcac catcattagg tgagaaaaca   1800
gccagcctgg ccaccagttg taccttatgt ttatcattac aaacctcaga tggacactaa   1860
gcactgccca gcagatctac tctgggatgt ctgtttcaaa acttctgtct tatctatcaa   1920
ttccccccttg tggtagttac cacaacacat gcctcattaa gaaacagcaa ccatcagagg   1980
gaatgcctgc ctccctgtta ccagctctgc agatgtgcac atatcttcct gtcgtaagcc   2040
aatgggactt aaaccttacc tcttgtgttt tggagactat cttttttttt ttttgaaaaa   2100
gggtcccctt gggtggctaa gcctgaaggg cagggggga atctgggtta attgaaccct   2160
tccccctacgg ggttaaggaa actttcttgc ctaaccctcc caagaagttg gaactacggg   2220
ggggccccac cacccccggg t taattttttg tattttaaga aaaaacgggg ttttgccatg   2280
ttgcccggcc gtggcttaaa ctccggactt a   2311

<210> 9065
<211> 1211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (283)...(1107)
<223> similar to gi3618210 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9065
```
gcacgagctt aaggacacca ggcaggcgcg acagccttca gcctctccct ctgcagtttt      60
ggccggttcc tttaacttgc cttcatctgg ggctgtttgg tatttccacg tgccttgggc     120
ccgcccactg cagcctccat cttggaagcg gccgccggcg cctagaactg tatttcagaa     180
aaaagaaact acagttttag catgcagaaa ggaaaaggga gaacaagccg gatcagaaga     240
cgaaaactct gcggaagttc tgaatcaaga ggagtgaatg agagccacaa gtctgaattt     300
atagagctga ggaagtggct gaaagctagg aagtttcaag attcaaactt agcgcctgct     360
tgttttccag gtacaggaag agggctgatg agtcaaacat ccctgcagga gggacagatg     420
attatttcgt tgcctgagag ttgcctgctc accacgggac acagtgattc gaagctactt     480
aggggcatac attactaagt ggaagcctcc tccatctcct ctgctggcgc tgtgcacctt     540
tttagtttca gaaaagcatg ctgggcaccg atctcttttg gaagccttac ctggagattt     600
tacccaaggc gtatacctgc cctgtttgtt tggagccgga agtggtgaac cttcttccca     660
aatctttaaa agcaaaggct gaagagcaga gagcccacgt gcaggagttc tttgcttcct     720
ccagagactt tttctcttct ctgcagcctc tgtttgcgga ggctgttgac agcatcttca     780
gctacagtgc cctgctgtgg gcttggtgca ccgtcaacac cagagccgtg tacctgaggc     840
ccaggcagcg ggaatgcctt tctgcagagc cggacacctg tgcaactcgc tccgtacctg     900
gacctgctga atcatagccc acatgtccag gtaaaagcag cgtttaatga agaaactcat     960
tcttacgaaa ttagaacgac ttcacgttgg agaaagcatg aagaggtatt catctgttac    1020
ggccctcacg ataatcaacg gctgttcctg gaatacggat ttgtttctgt ccataatcct    1080
catgcttgtg tttatgtctc aagaggttgg aatcaacttt gttcttaaca ttaacactat    1140
ataatttttt tccccatttg gagatgtgta ttttcagttt taataaaaat atcaaaacct    1200
taaaaaaaaa a                                                          1211
```

<210> 9066
<211> 579
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (140)...(562)
<223> similar to gi3869259 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9066
```
ccatttcccg ggccgaccca cgcgtccgag ccggcgccgc gggccgagtg tcctggtgaa      60
```

```
gacctagttc ttgccggaga caattccact gcagaagcac tttacttaaa aggacttgcc       120
aggctggaca atgcccgttg acttggggca ggccctaggc ctgctgccat cgctggcgaa       180
ggccgaggac tcccagttct cagaatcaga tgctgccctt caagaggaac tctccagccc       240
tgagaccgca cgccagcttt tcaggcagtt ccgttaccag gtgatgtctg ggcctcatga       300
gaccttgaag caacttcgga agctctgttt ccagtgggct acagccagag ggttcacacc       360
aaagagcaga tcctagagat cctcatgttg gagcagtttc tgaccatcct gcctggggag       420
atccagatgt gggtgcggaa acagtgtcca ggaagtggag aagaggcagt gacccttgtg       480
gaaagcttga aggggaccc ccagagactg tggcaatgga tcagtatcca ggttctagga       540
caggacatct tatcagagaa gatggaatct ccaagctgc                              579
```

```
        <400> 9067
        gcttctggct gcgcggcctg cgcgcgcctc ccgtgcggat tccagccccg agcgggacag        60
        cgcggcgggg agcgacgaga tttctctctg atcaaacgga cagttcagga ctcagaatct       120
        aaggatgaat gttcaccgtg gcagtgacag tgacaggtta ttgcggcagg aggccagctg       180
        cttagtggat gatactttag ctgtagccca agaaaaagaa gcaaacagcc tggcttcatc       240
        tggtcctcat aatcttactt atcctctagg tcccaggaat gaagacctct cacttgacta       300
        tgcctctcag ccagcaaatc ttcagttccc tcacataatg ccccttgctg aagacatcaa       360
        aggttcttgc ttccaaagtg ggaataaacg gaaccatgaa cctttattg ctccagaaag       420
        atttggaaac agtagtgtgg gctttggcag taattcccat tcccaagcac cagagaaagt       480
        gacgcttctt gtagatggca cacgtttgt tgtgaatcca cagattttca ctgctcatcc       540
        ggataccatg ctgggaagga tgtttggacc aggaagagag tacaacttca ctcggcccaa       600
        tgagaaggga gagtatgaga ttgctgaagg catcagtgca actgtatttc gcacaagtgc       660
        tggatttatt tacaaaaccg gtatcatcaa ttgtcctgat ggcatctcta tcccagatct       720
        tagagatact ttgtgattat ctctgcatta attttgactt caacactatc cgatgtcaag       780
        atctgagtgc tttactccat gaactgtcta atgacggtgc tcataagcag tttgatcact       840
        acctcgaaga gctcatcttg cccatcatgg tgggctgtgc caagaaagga gaacgagagt       900
        gccacattgt tgtgctgacg gatgaggatt ctgtggactg ggatgaagac caccctccac       960
        caatggggga ggaatattcc caaattcttt atagctccaa gctctacaga ttcttcaaat      1020
        atattgagaa tagggatgtt gcaaaaacag tgttaaagga acggggccta aaaaacattc      1080
        gcattggaat tgaaggttac cctacctgta aaaaaaaaa aaaggggg                    1128
```

<220>
<221> misc_feature
<222> (1)...(940)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (228)...(851)
<223> similar to gi2653671 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9068
cgagtntgca ggtctttctg gaatgccaca caaattagtt ttctctggtg aagccaaact   60
tggaactcac cttagctttc ccattggtaa ttagtgtgtg accagcccca tcatctttct   120
agactttcc ctcagacctc caatgtcctg ggcactggtg atgtccaatt cagactgatg   180
ggcggggctg ggatgacctt cccaggcagg aaactgctct gccttcaggc aagggccctt   240
ctccccatca gactaggccc ttctcctccc tcaggcctgg gcctcctggc tcctcatctg   300
aaggcctctg tcccttccag acaggagtgt cccctccct cggacgggag cctcctccat   360
ctcagatggg catctacgct tctctgactt gatcctcccc tcttcagacc tgggtcttct   420
ctacctcacg ctggcagggc atcacctcat cggcatcacc ctcagacagg ggcctcctct   480
cccaacagac agaggcctcc tcctaccctc tcagacagcg gcatcctccc ccctcagaca   540
gaggcctcct ccctcctcag acaggggact cctccccccg agacagaggc ctcctcctac   600
cccttcagac aggggcatcc tccccctca gacagaggcc tcctcccccc tcagacaggt   660
acctcctctc tcctcagaca gaggcctcct ccctcctcag acgggacct cctcccccct   720
caaggcctcc tccctcttca gacagggacc tcctccctcc tcagacggag gtttcctccc   780
tcttcagaca ggggcctctt cccccctgag acagggacct cctgcccccct cagacaggga   840
acctcctccc ccttcagaca gcggcctcct ccagcccgca cgatgtggtc ggcggtccgc   900
tacgcgctct atcgaaggcg ttcaaggggg ccctgcgca   939

<210> 9069
<211> 508
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (65)...(508)
<223> similar to gi1799799 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9069
ctatgccccc aggtatttac agtgtgagaa agaattattt tgactttagc ggagcagttg   60
aagaatgaca aagtatgcat tagtcggtga tgtgggcggc accaacgcac gtcttgctct   120
gtgtgatatt gccagtggtg aaatctcgca ggctaagacc tattcagggc ttgattaccc   180
cagcctcgaa gcggtcattc gcgtttatct tgaagaacat aaggtcgagg tgaaagacgg   240
ctgtattgcc atcgcttgcc caattaccgg tgactgggtg gcgatgacca accatacctg   300

7525

```
ggcgttctca attgccgaaa tgaaaaagaa tctcggtttt agccatctgg aaattattaa    360
cgattttacc gctgtatcga tggcgatccc gatgctgaaa aaagagcatc tgattcagtt    420
tggtggcgcc caccgctgaa ggtaagccta ttgcggtata cggtgcagga acggggcttg    480
gggttgcgca tctggtccat gtctataa                                       508
```

```
        <400> 9070
ctctgtaatt cggcacgagg tgcaacacgt gggggcggtg ccggtcggag ggctcctagt     60
gcgccaggtt gtgggaagtg aggctggcgg tggcgacaac cgaggaggag gggcgggacg    120
ccgtggagca cggcgaccgg ctgagcgtca tggagggctc aggggagcag ccgggcccac    180
aaccacagca tcccggagac caccgcatcc gcgacggcga cttcgtggtg ctgaaacgtg    240
aagatgtgtt taaagcagta caagtccagc ggagaaaaaa agtaactttc gaaaaacagt    300
ggttctacct ggataacgtc attggccata gttatggaac tgcatttgaa gtgaccagtg    360
gaggaagtct acagcccaag aagaagaggg aagagcctac tgcagagact aaagaagcgg    420
gcactgataa tcgaaatata gttgatgatg ggaaatctca gaaacttact caagatgaca    480
taaaagcttt gaaggacaag ggcattaaag gagaggaaat agttcagcag ttaattgaaa    540
atagtacaac attccgagac aagacagaat ttgcccaaga taaatatatt aaaaagaaga    600
aaaaaaaata tgaagccatc attactgttg tgaagccatc cacccgtatt ctttcaatta    660
tgtattatgc aagagaacct ggaaaaatta accacatgag atacgataca ctagcccaga    720
tgttgacgtt gggaaatatc cgtgctggca acaaaatgat tgtgatggaa acgtgtgcag    780
gcttggtgct gggtgcaatg atggaacgaa tgggaggttt tggctccatt attcagctat    840
accctggagg aggacctgtt cgggcagcaa cagcatgttt tggatttccc aaatcttttc    900
tcagtggtct ttatgaattc cctctcaaca aagtggacag tcttctacat ggaacatttt    960
ctgccaagat gttatcttca gagccaaaag acagtgcttt ggttgaagaa agtaatggca   1020
cactggagga aaaacaggct tctgaacaag agaatgaaga cagcatggca gaggccccag   1080
agagcaacca cccagaagac cagggaaaca atggaaacaa tttctcaaga tccagaacat   1140
aaggggccta aagagagagg aagcaaaaaa gattatattc aggaaaaaca gaggagacaa   1200
gaagagcaga ggaaaagaca tttagaggct gccgctctgc tgagtgaaag aaacgcagat   1260
ggtttaattg tagctagtcg tttccacccc actccctgc tgctgtcttt gctggacttt   1320
gtggcccctt caaggccgtt tgtggtctac tgtcagtaca aagagcctct gttggaatgc   1380
tacacaaaac tgcgggagag gggaggggtc atcaacctca ggctgtctga acctggctc   1440
agaaattatc aggttttgcc aaatcgaagt catcctaaac tgctgatgag tggaggtggg   1500
ggttatcttc tctccggctt caccgttgcc atggacaacc ttaaagcaga cactgtatt   1559
```

```
        <210> 9071
        <211> 1864
```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (730)...(1864)
<223> similar to gi5419883 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9071
```
ccgggacgac gagttcgagg accctcgatc cgagagcgcc ccagccagag cttgtgccca     60
tgcccctgtc ccgcagggga aggggatccc gcctggccgg ctctcgagcg gcgactagta    120
acctcccgcg ggcgacagcc ctctccccaa agagtgccgg ccgcggggcc ctgtctgtaa    180
gccacgcgca actcctcacc cggcggcgcc attcctccga gcaggtcccg ccggagtccg    240
agccgcgggc tgacttccgc tcgggaaagt ggctccaaga gcccgccaca ggggacgcca    300
gggactcgcg gcaggctctg cgggccagga tgagttctaa gcacagactt ggacatccct    360
gacatccctg gactccattg tgagcccctg tcacatagcc ccagacacct gacccaacag    420
gacccgctca gtgaggccat tgttgagaaa ctgatccagt ccatccagaa ggttttcaat    480
ggtgagctaa agggtgaact tgaaaagctg aaattcctag gagatctgtc ttctctcagc    540
caagctttac cttatgatga aaccgcaaaa tcattcattc acagccacat agcagacatt    600
gtgcatacct taaatgtact ggtacaagag gaacgcccgc attctctgtc cagttccatg    660
cgccaggagg tctttgtcac catcgctgat ctcagttacc aagatgtcca tttgctgttg    720
ggctctgaag atcgagctga gttgttcagt cttaccatca agagtataat cactctgccc    780
tctgtaagga cccttaccca gatacaggaa atcatgccca atgggacctg caacacagag    840
tgtctttaca ggcagacgtt tcaggcattc tctgagatgc tccagagttt ggtggtaaaa    900
gacccacatt tggaaaatct tgacaccatt attaagcttc cactgcgatt ccaaagactt    960
ggacacctag tggctctgat ggcactgctc tgtggggacc cacaggaaaa ggtggctgag   1020
gaggctgcag agggcattca ctccctgctg catatcaccc tgaggctgaa gtatatcact   1080
catgacaaga aagatcagca aaacttgaaa agagcattga caaaatgtcg agaattcctg   1140
gagctccaca gctctgccgc taaatgcttc tacaactgtc ccttcagaat tgcccaggtc   1200
tttgaaggtt ttcttgattc aaatgagctc tgccagttta taatgactac atttgatacc   1260
ctgaaaaacc tgaaacatcc ctgcatccag cgatcagcag gagaattact gctaactttg   1320
gcgaaaaata cagagtccca atttgagaag gtgccagaaa ttatgggagt tatctgtgcc   1380
cagttaccca taatcagcca gcctagagtc cgccaacaaa tcataaatac cgtgagttta   1440
tttatatcca gacccaagta cacagatata gtgctcagcc ttcccttctg tgtcatccca   1500
gtgccgtata acaggcacct ggctgaggtg tggagaatgc tgtcggtgga gcttcccagc   1560
acgaccctgg attctgtgga ggctcctgag gaagctgcag aaatgccata atgagcctgc   1620
acaggagaag atggcatatg tggctgtggc tgtaagccct tgagctttgc ccctctaatg   1680
tcagcccctc ccaggatgac tgaccccaca ccccagtgga gagtgttcct tttggtccct   1740
ctcaaagcct gcatctgtca tccatttata agtctacagt gtttctgcca agggattgac   1800
atggagggag ctggggagag tgaaggagtc agaatgcctt aatacaaact cgtccaacct   1860
gcaa                                                                1864
```


<210> 9072
<211> 1255
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (406)...(1255)
<223> similar to gi2062373 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9072
ccatgttggc cagagccacc gcattatttt tcagccaggt gcagtggctc acacctgtaa   60
ccccgcactt tgggaggcca aggtgggtgg atcacctgaa gttgggagtt tgagaccagc   120
ccgatcaact ttgaagaaac cgtctctact aaaaatgcaa aaacctagcc gggcgtggtg   180
gcacgtgcct gtaatcccag ctactcggga ggctgaggca agaggatggc ttgaactcgg   240
gaggcagagg ttgtggtgag ccgagatcac ggcactgcac tccagcctgg gtgacaagag   300
caagactccg tctcaaaata aataaataaa aataaaaaat aaacatgatg atcacagatg   360
cagtcacatt ttctgagttc ttgtctctct gccagtgcca cccagatagc ctcacaaaac   420
tttgacccag ccactgttag tgtcgccacc gcccataaag gagctgagcc cagcaggggc   480
actgcctggg gccctgtagc caaaaggcta cagcaggagc tgatgaccct catgatgcct   540
ggtgacaaaa gaatttctgc ctaccctgaa agccttatca aatggacacc atccatgaag   600
cagctggcac agtgtatgaa gatctgaggt ataagctctt gctggagttc ctcaatgact   660
acccaccttt acgatgcacc cacagtgaag ttcctcacac cctgctacca ccctaacgtg   720
gacacccagg gtaacatatg cctggacatc ctgaaggaga agtggtctgc cccgtatgat   780
atcaggacca tcctgctctc tatccagtgc ctgctaggac aactcaacat tgatagccct   840
ttgaacacac atgctaccaa gctctgggaa aaccccatag ctttaagaag tacctgcaag   900
ggtcaggcgc agtggctcac acctgtaatc ccagcacttt gggaggccga ggtgggtgga   960
tggatcacct gacgtagaga gtccaaggcc tgacaaacat ggagaaatgt catccctatt 1020
taaaaaaata aaaaattag ccaagtgtgg tggcgcatgc ctgtaatccc agctactcgg 1080
gaggctgagg caggagaatc acttgaacct gggaggtgga ggttgcagtg agccgagatc 1140
tcgctattgc actccagcct gggcaacaag agtgaaactc tgcctcaaaa aaaagttata 1200
taaaataaaa atataaataa ggaagtacct gcaagaaagc tactcaaagt aggtc   1255

<210> 9073
<211> 1074
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (709)...(1073)
<223> similar to gi5051404 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9073
tttttttttt aaaatattta agagtttatt tgagcaggga tccatgaatt gggcagctcc   60
aagccagaag tggctaggga gctccccaga gagaacatga ggaggaggct ttttaggaca   120
aatagataaa agcaaagata atatttcatt ggttacagtt atacagttac acagttatac   180
agttgcctta tttggtctat cccatgagga aagtccctag ttactaatta cgttttttgt   240
tggctgcttc tgattggttg agcttaagtt ctgtgtttct ttaacatagg catttacaag   300
aaataccaca aataaagttt cagacatgct tgcaaatcaa gcaaggttaa ggtcacttaa ' 360
ggaggcccaa ctgggctctg gctgctcaag gattcttctg gcctcgtctc cattttacat   420
gaactgttgc ataaataaac acagagtacc tgaaacaacg gaggtgatca ttctgcctac   480

7528

```
cgagtgttgg ccaggccaag cttggagtgt tgctcttatt cttagggagt ttatttttaa    540
gtaatctcat ctgtaaatgg gattacaatc cacaaactga ccttgtatat gattccattc    600
cttctcccag cccagcccca cactccaagg tttcccttt gcttataagg ggtagtcacc     660
ctttttttatt tcgaccttcc aaacattctg ggagttttcc tcctttaggc caactacagc   720
gcagaggagc gctttctcct gctgggtttc tccgactggc cttccctgca gccggtcctc     780
ttcgcccttg tcctcctgtg ctacctcctg accttgacgg gcaactcggc gctggtgctg     840
ctggcggtgc gcgaccgcg cctgcacacg cccatgtact acttcctctg ccacctggcc      900
ttggtagacg cgggcttcac tactagcgtg gtgccgccgc tgctggccaa cctgcgcgga     960
ccagcgctct ggctgccgcg cagccactgc acggcccgag ctgtgcgcat cgctggctct   1020
gggttccgcc gaatgcgtcc atctggcggt gatggctctg ggccgcgcgg tcgc          1074
```

<210> 9074
<211> 1498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (641)...(1420)
<223> similar to gi3876073 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9074
```
tttcgtgcgg gggtgggctc tgcgcgtaat ggcagcgccg tggcctcgcg tccatctttg     60
ccgttctctc ggacctgtca caaaggagtc gcgccgccgc cgccgccccc tccctccggt    120
gggcccggga ggtagagaaa gtcagtgcca cagcccgacc gcgctgctct gagccctggg    180
cacgcggaac gggagggagt ctgagggttg gggacgtctg tgagggaggg gaacagccgc    240
tcgagcctgg ggcgggcgga ccggactggg gccggggtag gctctggaaa gggcccggga    300
gagaggtggc gttggtcaga acctgagaaa cagccgagag gttttccacc gaggcccgcg    360
cttgagggat ctgaagaggt tcctagaaga gggtgttccc tctttcgggg gtcctcacca    420
gaagaggttc ttgggggtcg cccttctgag gaggctgcgg ctaacagggc ccagaactgc    480
cattggatgt ccagaatccc ctgtagttga taatgttggg aataagctct gcaactttct    540
ttggcattca gttgttaaaa acaaatagga tgcaaattcc tcaactccag gttatgaaaa    600
cagtacttgg aaaactgaaa actacctaaa tgatcgtctt tggttgggcc gtgttcttag    660
cgagcagaag ccttggccag ggtctgttgt tgactctcga agagcacata gcccacttcc    720
tagggactgg aggtgccgct actaccatgg gtaattcctg tatctgccga gatgacagtg    780
gaacagatga cagtgttgac acccaacagc aacaggccga gaacagtgca gtacccactg    840
ctgacacaag gagccaacca cgggaccctg ttcggccacc aaggaggggc cgaggacctc    900
atgagccaag gagaaagaaa caaatgtgg atgggctagt gttggacaca ctggcagtaa     960
tacggactct tgtagataat gatcaggaac ctccctattc aatgataaca ttacacgaaa   1020
tggcagaaac agatgaagga tggttggatg ttgtccagtc tttaattaga gttattccac   1080
tggaagatcc actgggacca gctgttataa cattgttact agatgaatgt ccattgccca   1140
ctaaagatgc actccagaaa ttgactgaaa ttctcaattt aaatggagaa gtagcttgcc   1200
aggactcaag ccatcctgcc aaacacagga acacatctgc agtcctaggc tgcttggccg   1260
agaaactagc aggtcctgca agtataggtt tacttagccc aggaatactg gaatacttgc   1320
tacagtgtct gttacagtcc caccccacag tcatgctttt tgcacttatc gcactggaaa   1380
agtttgcaca gacaagtgaa aataaattga ctatttctga atccagtatt agtgaccggc   1440
ttggtcacat tggagtcctg gggctaatga tcctgattat ctgaaacgtc aagttggt     1498
```
```
                              7529
```

<210> 9075
<211> 1013
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (46)...(1007)
<223> similar to gi4680683 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9075

```
agattcggca ctaggggctt ggctaaaagt aagggtgtcg tgctgatggc cctgtgcgca       60
ctgacccgcg ctctgcgctc tctgaacctg gcgcccccga ccgtcgccgc ccctgccccg      120
agtctgttcc ccgccgccca gatgatgaac aatggcctcc tccaacagcc ctctgccttg      180
atgttgctcc cctgccgccc agttcttact tctgtggccc ttaatgccaa ctttgtgtcc      240
tggaagagtc gtaccaagta caccattaca ccagtgaaga tgaggaagtc tggggggccga     300
gaccacacag gccgaatccg ggtgcatggt attggcgggg gccacaagca acgttatcga      360
atgattgact ttctgcgttt ccggcctgag gagaccaagt caggaccctt tgaggagaag      420
gttatccaag tccgctatga tccctgtagg tcagcagaca tagctctggt tgctgggggc      480
agccggaaac gctggatcat cgccacagaa aacatgcagg ctggagatac aatcttgaac      540
tctaaccaca taggccgaat ggcagttgct gctcgggaag gggatgcgca tcctcttggg      600
gctctgcctg tggggaccct catcaacaac gtggaaagtg agccaggccg gggtgcccaa      660
tatatccgag ctgcagggac gtgtggtgtg ctactgcgga aggtgaatgg cacagccatt      720
atccagctgc cctctaagag gcagatgcag gtgctggaaa cgtgcgtagc aacagtaggc      780
cgagtatcca acgttgatca taacaaacgg gtcattggca aggcaggtcg caaccgctgg      840
ctgggcaaga ggcctaacag tgggcggtgg caccgcaagg ggggctgggc tggccgaaag      900
attcggccac tacccccat gaagagttac gtgaagctgc cttctgcttc tgcccaaagc        960
tgatatccct gtactctaat aaaatgcccc ccccccccgt tttaaaaaaa aaa            1013
```


<210> 9076
<211> 475
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(476)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (216)...(475)
<223> similar to gi4589762 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9076
```
ggcacgagcc gctagaagcc cttcacaaac tgcggcctgg caggcaacca accaaaaaac    60
aaacaaagaa tcctgaccga gcagcgggca tcaagttccc ttcgccggca tctgggccct   120
ggacgccggg aaaggcctcc gtgttccgct tcctgccgcc ttccacggta ggcttggccc   180
agcctccatc tttcgttctc tcaggacggc tagcagcaga attcattgtc ggaaggaaat   240
ataaactgct ttggaagatc tggtgtagct ccttcggaga catctgtctg gcgatcagca   300
ctcaccaacg gtaatgaagt ggtagtgaag ccagaatctc agggccaggc atccccagtt   360
gctgtacaag agcaggcttt acaagatgct tcaaggtggg gtttggcatc ccccanatac   420
ggtggttgtg gtcaggaaga agactataat ggtactagtc atggattttt ctgga        475
```

<210> 9077
<211> 1252
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (824)...(1190)
<223> similar to gi487853 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9077
```
caaaaaaaaa acttttgtca ccacccgccc caatattggg ttcctcaaag gccccccccc    60
cctgttgttt tttccgctcc tctttctctt tctcctttcc cagagggcag gtaaatgtat   120
tcagagcaca tggcgagtaa gaggcaaatc ttctgccagc aagtccagga ttttttttcac  180
cagaggacat tgcttggtcc ccagagctca ggaccctgtg ttttgtctca ctcccaccca   240
cagagctcct gtatccaggc atcaactcca actcccactc ctggaggccg aggcaggagg   300
atcacttgag cccaggagtt cgagaccagc ctgggccaca tagtgagacc ttgtctccac   360
acaaaaattt taaaaatagc tgggcttggt ggtggcatgt gcctgtagtc ctagctactc   420
gagaggctga cgttggagga tcactttgag cccaggaggt ggaggctgca gtgagcagtc   480
atcactgtac tccagcctgg tgacagagcg agaccctatc accgcccccc gccccaccaa   540
aaaaaaactg agtagacagg tgtcctcttg gcatgataag tcttaagtcc cctcccagat   600
ctgtgacatt tgacaggtgt cttttcctct ggacctcggt gtccccatct gagtgagaaa   660
aggcagtggg gaggtggatc ttccagtcga agcggtatag aagcccgtgt gaaaagccat   720
actccaaggg gctccaagtc cagcgcacag tcccagaagg gcccagcaag gcagccaggg   780
cggcacaggc accaggtccc aaccttcttc cctgtttgcc cactctcaga ccccggagtt   840
catcatctcg gagccgctgg ccaatatgta ctcatgtggg aaccagaaca cactgatgga   900
ggagttggca gagcaggcac agcagcacga cgagatgctg cacatgcacc acgcgctgaa   960
ggaggcgctc agcatcatcg gtgacatcaa caggaccact gtcaccatgc ccatgccccc  1020
gcccgtggac gacacctggt tgtcagagca tccctgacga acacaggtac caaagactgc  1080
ccccccaggcc ccaaaatccc ccacccggga tgcccagagg agtgccctgg gggcaagtgg  1140
cacacccccct caccgggggtg gctcccacct ggagtgacgg ggggagcttg acaaggagca  1200
ctggctgcgg ggggggggtg tggagctggg atgttctcgc tgctgggggc gg          1252
```

<210> 9078
<211> 1041
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (210)...(1011)
<223> similar to gi300372 in the genepept database release 114,
  Run with FASTXY 3.3t00, default parameters


```
<400> 9078
cgcgaagcct gagaggcagg tagctgcggc gctgggctgg cggcggcgag tccacgtgct    60
ccccgcggcc ggttgaaacc gttggcgggc gctggctgag aggcaatgtt tgctgtcttc   120
cattggagtg actgaatttc tacatgacgg cttttttgaca agacttaaaa cctgtcttgg   180
atagagaata tttagccatt tacctaaaaa tggtatttt tacatgcaat gcatgtggtg   240
aatcagtgaa gaaaatacaa gtggaaaagc atgtgtctgt ttgcagaaac tgtgaatgcc   300
tttcttgcat tgactgcggt aaagatttct ggggcgatga ctataaaaac cacgtgaaat   360
gcataagtga agatcagaag tatggtggca aaggctatgg aaggtaaaaa cccacaaagg   420
cgaccatcaa aacagcaggc gtggattcag aaaattagtg aattaataaa agagacccaa   480
tgtcagcccc aaagtgagag aactttttaga gcaaattagt gcttttgaca acgttcccca   540
ggaaaaaggc aaaatttcag aattggatga agaacagttt aaaagttcat aatgaatcca   600
ttctggacca ggtgtggaat atcttttctg aagcttccaa cagcgaacca gtcaataagg   660
aacaggatca acggccactc cacccagtgg caaatccaca tgcagaaatc tccaccaagg   720
ttccagcctc caaagtgaaa gacgccgtgg aacagcaagg ggaggtgaag aagaataaaa   780
gagaaagaaa ggaagaacgg cagaagaaaa ggaaaagaga aaagaaagaa ctaaagttag   840
aaaaccacca ggaaaactca aggaatcaga agcctaagaa gcgcaaaaag ggacaggagg   900
ctgaccttga ggctggtggg gaggaagtcc ctgaggccaa tggctctgca gggaagagga   960
gcaagaagaa gaagcagcgc aaggacagcg ccagtgagga agaggcacgc gtgggcgcaa  1020
ggaaaaggaa gcggaggcac t                                            1041
```


<210> 9079
<211> 812
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (571)...(808)
<223> similar to gi181840 in the genepept database release 114,
  Run with FASTXY 3.3t00, default parameters


```
<400> 9079
gctggcccat ggctgagacc tctctcccag agctggggggg agaggacaaa gccacgcctt    60
gccccagcat cctggagctg gaggagctcc tgcgggcagg gaagtcttct tgcagccgtg   120
tggacgaagt ttggcccaac cttttcatag gagatgcagc tggtccttac tccctgccat   180
gggctctgc cactttgcca ccctggcact gatcctgctg gtgctgctgg aggctctggc   240
```

```
ccaggcggac acacagaaga tggtggaagc ccagcgtggg gtcggcccta gagcctgcta      300
ctccatctgg ctcctcctgg cgcctacacc ccctctcagc cactgtcttc agtctccaca      360
gaaacagcat caagtgtgcg gagacaggcg gctgaaagcc ggcagcacga actgcccgtc      420
agagaagtgc acagcctggg ccagatactc ccacaggatg gactcactgc agaagcagga      480
cctccggagg cccaagatcc atggggcagt ccaggcatct ccctaccagc cgcccacatt      540
ggcttcgctg cagcgcttgc tgtgggtccg tcaggctgcc acactgaacc atatcgatga      600
ggtctggccc agcctcttcc tgggagatgc gtacgcagcc cgggacaaga gcaagctgat      660
ccagctggga atcacccacg ttgtgaatgc cgctgcaggc aagttccagg tggacacagg      720
tgccaaattc taccgtggaa tgtccctgga gtactatggc atcgaggcgg atgacaaccc      780
cttcttcgac ctcagtgtct actttctgcc tg                                    812
```

```
      <400> 9080
tttccagggg tcactctggc ttcgactccg tcgctctcaa ttcgtcacca ggaggaagac       60
ggagctggct gcccagccca aaggcccatg aggggatgca gttatgggct ctgtcgccgt      120
ggattgttat tttgtgtcag taagtaatcc ataaagtgcc aacatgggaa agaaacggac      180
aaagggaaaa actgttccaa tcgatgattc ctctgaaact ttagaacctg tgtgcagaca      240
cattagaaaa ggattggaac aaggtaattt gaaaaaggct ttagtgaatg tggaatggaa      300
tatctgccaa gactgtaaga ctgacaataa agtgaaagat aaagctgaag aagaaacaga      360
agaaaagcct tcagtttggc tgtgtcttaa atgtggccat cagggctgtg gcagaaattc      420
tcaggagcag catgccttga agcactatct gacgccaaga tctgaacctc actgtctggt      480
tcttagtttg gacaactgga gtgtatggtg ttacgtatgt gataatgagg tccagtattg      540
tagttcaaac cagttgggtc aagtggttga ttatgtcaga aaacaagcca gcattacaac      600
tccaaagcca gcagagaaag ataatggaaa tattgaactt gaaaataaaa aattagaaaa      660
agagagtaag aatgaacaag agagagaaaa gaaggaaaac atggctaaag agaatcctcc      720
catgaattct ccttgccaaa taaccgtgaa aggactcagt aatttgggaa acacatgttt      780
cttcaatgca gttatgcaga acttgtcaca aacaccagtg cttagagaac tactaaaaga      840
agtgaaaatg tctggaacaa ttgtaaaaat tgaaccacct gatttggcat taacagaacc      900
attagaaata aaccttgagc ctccaggccc tcttacttta gccatgagcc agtttcttaa      960
tgagatgcaa gagaccaaaa agggggttgt gacaccgaaa gaactctttt ctcaggtctg     1020
taaaaaagca gtgcggttta aaggctatca gcagcaagac agccaggagc tgcttcgcta     1080
cttattggat gggatgagag cagaagaaca ccaaagagtg agtaaaggaa tacttaaagc     1140
atttggtaat tctactgaaa agttggatga agaactaaaa aataaagtta aagattatga     1200
gaagaaaaaa tcaatgccaa gttttgttga ccgcatcttt ggtggtgaac taactagtat     1260
gatcatgtgt gatcaatgca gaactgtctc cttggttcat gaatctttcc ttgatttgtc     1320
cctcccagtt ttagatgatc agagtggtaa gaaaagtgta aatgataaaa atctgaaaaa     1380
gacagtggag gatgaagatc aagatagtga ggaagaaaaa gataacgaca gttacataaa     1440
agagagaagt gatattcctt ctggaacaag taagcactta cagaaaaaag caaagaaaca     1500
agccagcatt acaactccaa agccagcaga gaaagataat ggaaatattg aacttgaaaa     1560
taaaaaatta gaaaagagag taaatattg aacttgaaaa taaaaaatta g               1611
```

7533

<210> 9081
<211> 742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (394)...(682)
<223> similar to gi5262560 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9081
```
agagtggtgc acggtccgga tttcccgtgt cgacgatttc gtgcccattg agtgaggaag      60
acaacggtac cccctctagc aatttttagc atatttggct gaaatgcaaa tacccaaaga     120
gcgagacgca gggagggagc tcgcttagat aatctgtggt tggaacaggt catttcggtt     180
ctgccgggcc ttgttaccca gggcttccgc tgtcactcag gaccgatggg acggggactg     240
gagcctcatc caatcagggg cgctggggcg gggtcctgcc aactgtccat ccggggaagg     300
ggaggccgca ttcccgcttt cctgactccc aggcgtcttg caccaaaggg aggtcgggat     360
ctcggttttc cggccccgag agggaccagg tgcctccgcc atagcttctg tcgctccatc     420
gcccgcactg tgactggact gttagaggga tccgtggaga ggaggccagg acacctggaa     480
gccgggaaat ggattcagtg gtctttgagg atgtagatgt gaacttcacc caggaggagt     540
gggctttgct ggatccttcc cagaagaatc tctacagaga tgtgatgcag gaaaccttca     600
ggaacctggc ttctgtagga aaaaaatgga aagatcagaa aattgaagat gagtacaaaa     660
atcccaggag aaacctaaga aattatgtgt accatttcag tcttaaaaag tggagttggt     720
cgctgtacgc aagacagaca tt                                             742
```


<210> 9082
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (199)...(783)
<223> similar to gi1465826 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9082
```
ccacgcgtcc gcggacgcgt gggggagcgc tgggcctttt tgtccgttcc ggcagccatg      60
agctcggaga tggagccgct gctcctggcc tggagctatt ttaggcgcag gaagttccag     120
ctctgcgccg atctatgcac gcagatgctg gagaagtccc cttatgacca ggcagcttgg     180
atcttaaaag caagagcgct aacagaaatg gtatacatag atgaaattga tgtagatcag     240
```

```
gaaggaattg cagaaatgat gctggatgaa aatgctatag ctcaagttcc acgccctgga    300
acgtctttga aactccctgg aactaatcag acaggagggc ctagccaggc cgttaggcca    360
atcacacaag ctggaagacc cattacaggt ttcctcaggc ccagcacgca gagtggaagg    420
ccaggcacta tggaacaggc tatcagaaca cccagaaccg cctacacagc ccgccctatc    480
accagctcct ccggaagatt tgtcaggctg ggaacggctt ccatgcttac aagtcctgat    540
ggaccattta taaatttatc taggctgaat ttaacaaagt attcccagaa acctaagttg    600
gcaaaggctt tgattgagta tatctttcat catgaaaatg atgttaagac tgctttggat    660
ctggctgccc tctccacaga acattctcag tacaaggact ggtggtggaa agacagattg    720
aaaaatgtta ctacagggtg ggaatgtatc gtgaagcaga aaaacagatt aaatcatccc    780
```

<210> 9083
<211> 1599
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1082)...(1599)
<223> similar to gi2959370 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9083
```
gcggccgcga gaaggaaggg gcgggttggg ggaggcgctg aggtggtagc agcggcggct     60
tttgctgagt tttctctggc ccagagcgct cgggctgtcg gtctagcagg ggggactccc    120
ctgaggggcc gctgcgggtc gccgtcttcg gaggcaccgg cgagggcaga gccaacagcc    180
tcttcacggt ctgtaaggtc attgtttgcc agtcgtgggc agcgcggcaa acctgctggg    240
aaaaggtttt ctggttggaa taggatgagt accgcaccag ctttgccttc cagctgagat    300
gtaaatttca ggcctccatc ctgtggaacg tgggaaaact atcttgagtg ttggcatgtt    360
ctaagtatga cataatagtt taatgtatga taaatcatgg gtgtttagac gaaagattta    420
cacatataaa ttggaggctt tagcggtctt agtgtaacta acttttcgtc cccttaaccc    480
ttgatgcctg ttctatgggt ctctagagcg gaaggagcat tatactccgg aaacatttgc    540
tggaaggggt tatgagaaat tcctctctgt atgctaactc cgtaatacaa gcgtttgtgt    600
attttaaaat cacagctgtt ccaaatataa tctagcctcg ttttccccct ccgtcggatg    660
ataggtgttc ttcaggacag ttttatttta agcaattctt agtctcaagt aaacaccatc    720
attaaaagaa ctgagaacta ttatcaattc ttcctttgga gtccatcttc aatggaaagg    780
agaagggaaa acctttttta aaaagaagaa agaaaactga agtttttgat ttgactagag    840
aaatattcag aagactcctt attttcacct agtctaatca caaaattgag aaacaaacat    900
tatcccttga ccatgtaaat tttacaccac attatgtcaa cagcatgtac cttccacatt    960
gagtattcag aaagaagtga tctgaactct gaccattctt tatggataca ttaagtcaaa   1020
tataagagtc tgactacttg acacactggc tcgagcaaac atgaacgttg gagttgccca   1080
cagtgaagtg aatccaaata cccgtgtcat gaacagccgg ggtatgtggc tgacatatgc   1140
attgggagtt ggcttgcttc atattgtctt actcagcatt cccttcttca gtgttcctgt   1200
tgcttggact ttaacaaata ttatacataa tctggggatg tacgtatttt tgcatgcagt   1260
gaaaggaaca cctttcgaaa ctcctgacca gggtaaagca aggctcctaa ctcattggga   1320
acaaactgga ctatggagta cagtttacat cttcacggaa ggttttcaca atttctccaa   1380
taagtctata ttttctggca aggttctata cgaagaatga ttcaactcac ttcatcctaa   1440
acacagcttc tctcctgagg ggactaattc ccaatgccac aactacatgg tggtcggagc   1500
tttgtaatta ataagtattg aaatgttttg aaactggaaa aaaattttac agctactgga   1560
tttcttataa gggccgcgag gctagtaaaa cgcaccgcg                          1599
```

7535

<210> 9084
<211> 782
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (54)...(783)
<223> similar to gi5817187 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

    <400> 9084
taccgcctct gtttctgcgg cgattgaaca gccgagcttt gcggccggga tcgcggaaag   60
tgatggctgt cgtcccggcg tctctctcag gacaggacgt gggatcattt gcatatctta   120
caattaaaga cagaatacca cagatcttaa ctaaggttat tgatacattg catcgacata   180
aaagtgaatt ttttgagaaa cacggagagg aaggcgtgga agctgaaaag aaagctatct   240
ctctcctttc taaattacgg aatgaattgc aaacagataa accatttatc cccttggttg   300
agaaatttgt tgatactgat atatggaatc agtacctaga atatcaacag agtcttttaa   360
atgaaagtga tggaaaatca agatggttct actcaccgtg gttgttggtt agaatgttac   420
atgtatcgaa gaattcatga agcaatttat ccagagtcca ccaatcgatt actttgatgt   480
atttaaagaa tcaaaagagc aaaatttcta tgggtcacag gaatccatca ttgctttatg   540
tactcacctg caacaattga taagaactat tgaagaccta gatggaaaat cagctgaaag   600
atgagttttt taaacttctg cagatttcac tgtgggggga ataagtgtg gatctgtctc   660
ttctcaggtg gagaaagtag ttctcagaat accaatgtac taaattcatt ggaagaccta   720
aaacctttca ttttattgaa tgatatggaa catctttggt cattgcttag caattgcaag   780
aa   782

<210> 9085
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(436)
<223> similar to gi3776076 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

    <400> 9085
tttcgtggcg agtagaaccg ctgaggcggg cgcgggcccg gatggggcca aggttccggc   60
cactctgcag aatggagata atcaggagca attttaagag taatcttcac aaagtgtacc   120
aggccataga ggaggccgac ttcttcgcca tcgatgggga gttttcagga atcagtgatg   180
gaccttcagt ctctgcatta acaaatggtt ttgacactcc agaagagagg tatcagaagc   240

```
ttaaaaaggt atataacgaa gtcatttaac ttctatgttt tcccgaaacc cttcaataga    300
tcctcaccag atgtcaaatt tgtttgtcag agctccagca ttgactttct agcaagccag    360
ggatttgatt ttaataaagt ttttcgaaat ggaattccat atttatatca ggaagaaaaa    420
agacagttaa gagagccg                                                  438
```

```
<210> 9086
<211> 980
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (211)...(980)
<223> similar to gi4512103 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9086
gcggccgctt tgccggtcat tcccgaagcc cggcaactga gggcggcccc ctttccttaa     60
cagtctcctc gctacagatc gtctgctccc tcagcctcgc ccgagaccca cttccccagt    120
ctcgcccggg tggaggtcga cgaggaggag acaagagtca cccttcctcc aggcggcgcc    180
ggcccctca cccgcgggtg tgtcctataa atggcgtcgg aaagcgacac cgaggaattc      240
tatgatgccc ctgaagatgt gcacctaggg ggcggctacc ccgtggggtc tccaggaaaa    300
gttgggcttt caacattcaa ggaaacagag aacactgcat acaaagttgg aaatgaatcc    360
cctgtacaag aattgaaaca agatgtgtct aaaaagatta ttgaaagtat tattgaggag    420
agtcagaaag tactacagct tgaagatgac tctttggatt ccaaaggaaa agaactctct    480
gatcaagcta ctgccagtcc tattgtggct agaacagatc tgagcaatat acccggactg    540
ttagccatag atcaagtact accggaagaa tcccaaaagg cagagagtca gaatacattt    600
gaagagactg aattagaatt aaaaaaatgc tttccttctg atgaaacctg tgagaaacca    660
gtagatgaaa ccacgaagtt aactcaaaca agttcaactg agcagcttaa tgtgcttgaa    720
actgaaacag aagtattgaa caaggaagca gtggaagtca aaggaggtgg tgatgtttta    780
gagcctgtgt cctcagactc cttatctact aaagattttg ccgctgtgga agaagtggcc    840
cctgccaaac ccccaagaca ccttactcca gagcctgata tagtggctag tacaaagaag    900
cctgttccag cacgcccacc tcctccaact aaatatccca cctcctagac ccccacatgt    960
attgcggccg ctctagagga                                                980
```

```
<210> 9087
<211> 792
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(792)
<223> similar to gi6016842 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 9087
```
gactgcagat ctccgggagt cgagctcgtg cgccggcgca ctggcgcgct ccgtttacac      60
gctccggggc ctgtatgcgc cgcgagttcc ggctgtcgcc gtcgccgcgg cggctcctgg     120
aggtcggttg cgacgagtaa cggcgccagg acgagccctg cgccttcttt ttcgatatgt     180
acccgaattg gggccggtat ggcgggagca gccactatcc gccgccaccg gtcccaccgc     240
cgccgccagt ggcgcttcct gaggcctcgc cggggcccgg atactcgagc tcgacgactc     300
ccgcggcccc ctcctcctcg ggcttcatga gcttccgcga acagcacttg gcgcagctcc     360
agcagctgca gcagatgcac cagaagcaaa tgcagtgcgt gcttcagccc caccaccttc     420
ctccgccccc tctgccgctc ccgccagtga tgccggggg cggctacgga gactggcagc     480
cgccaccgcc accgatgccc ccgccacccg ggccggccct cagctatcag aagcagcagc     540
agtacaaaca ccagatgctc caccaccaac gagacgggcc tcctggtttg gttccaatgg     600
agctggaatc cccccctgaa tctccccctg tgccgcctgg gtcctatatg cccccatctc     660
agtcttacat gcccccacct cagccgccac cctcttacta cccccccgacc tcatctcagc     720
cctacctgcc tcctgctcag ccgtcccctt cgcagtcccc accttcccaa tcctacctgg     780
cgcccctgta tt                                                         792
```

<210> 9088
<211> 1026
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (179)...(1029)
<223> similar to gi338649 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9088
```
ccggggcgcg accatctgcg ctgcggcgcc ggcgactcag cgctgcctca gtctgcggtg      60
ggcagcggag gagtcgtgtc gtgcctgaga gcgcagctgt gctcctgggc accgcgcagt     120
ccgcccccgc ggctcctggc cagaccaccc ctagtccccc ctgccccaag tcgcagccat     180
gaactacctg cggcgccgcc tgtcggacag caactttatg gccaatctgc caaatgggta     240
catgacagac ctgcagcgtc cgcagccgcc cccaccgccg cccggtgccc acagccccgg     300
agccacgccc ggtcccggga ccgccactgc cgagaggtcc tccggggtcg ccccagcggc     360
ctctccggcc gcccctagcc ccgggtcctc ggggggcggt ggcttcttct cgtcgctgtc     420
caacgcggtc aagcagacca cggcggcggc agctgccacc ttcagcgagc aggtgggcgg     480
cggctctggg ggcgcaggcc gcggggagc cgcctccagg gtgctgctgg tcatcgacga     540
gccgcacacc gactgggcaa aatacttcaa agggaaaaag atccatggag aaattgacat     600
taaagtagaa caggccgaat tctctgatct caaccttgtg gcccatgcca atggtggatt     660
ctctgtggat atggaagttc ttcggaacgg ggtgaaggtc gtgcggtctc tgaagccgga     720
tttgtgctg atccgccagc acgccttcag catggcacgc aacggagact accgcagttt     780
ggtcattggg ctgcagtatg ctggaatccc cagtgttaac tccttgcatt ctgtctacaa     840
cttctgtgac aagccctggg tgtttgccca gatggttcga ctgcataaga aactggggac     900
agaagaattc cctctaattg atcagacctt ctaccccaat cacaaagaaa tgctcagcag     960
ttacaacgta ccccgtggtt gtgaagatgg ggcacggaac actctgggga tggggcaagg    1020
tcaagg                                                               1026
```

7538

<210> 9089
<211> 1938
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (359)...(1938)
<223> similar to gi4321619 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9089
```
tttcgtctgg gacttgtggg actgtggccg ttttcgcaat ttgggctgga cgaaaaagac    60
ggtcttgctt tcccggtcgc cgctgtcggg aagggctgca gggtgtccgc gagacccgcg   120
gcccggcgag ctgaccccgc ctcgcctttc ctgcctagcc ctcattccac ggagccggtc   180
gcgcccggtc cttgcgcgac gcttcccggc ccaggccgcc tggtctggcg ctggaggccg   240
gagtcccgcg gcctgtgctg gatccgcgca cacccagtgg cggcggatgg gcggccgggg   300
cggccggggc ggccggtcct gagcgcggcc cgggctgtca gggctggctg ctggcgggat   360
ggacaccctg gaggaggtga cttgggccaa tgggagcaca gcgctacccc cacccctggc   420
accaaacatc agtgtgcctc atcgctgcct gctgctgctc tacgaagaca ttggcacctc   480
cagggtccgg tactgggacc tcttgctgct catccccaat gtgctcttcc tcatcttcct   540
gctctggaag cttccatctg ctcgggcgaa gatccgcatc acctccagcc ccattttat   600
caccttctac atcctggtgt ttgtggtggc gctggtgggc attgcccggg ccgtggtatc   660
catgacggtg agcacctcga acgctgcaac tgttgctgat aagatcctgt gggagatcac   720
ccgcttcttc ctgctggcca tcgagctgag tgtgatcatc ctgggcctgg cctttggcca   780
cctggagagt aagtccagca tcaagcgggt gctggccatc accacagtgc tgtccctggc   840
ctactctgtc acccagggga ccctggagat cctgtaccct gatgcccatc tctcagctga   900
ggactttaat atctatggcc atggggggcg ccagttctgg ctggtcagct cctgcttctt   960
cttcctggtc tactctctgg tggtcatcct tcccaagacc ccgctgaagg agcgcatctc  1020
cctgccttct cggaggagct tctacgtgta tgcgggcatc ctggcactgc tcaacctact  1080
gcaggggctg gggagtgtgc tgctgtgctt cgacatcatc gaggggctct gctgtgtaga  1140
tgccacaacc ttcctgtact tcagcttctt cgctccgctc atctacgtgg ctttcctccg  1200
gggcttcttc ggctcggagc ccaagatcct cttctcctac aaatgccaag tggacgagac  1260
agaggagcca gatgtacacc taccccagcc ctacgctgtg gcccggcggg agggcctgga  1320
ggctgcaggg gctgctgggg cctcagctgc cagctactcg agcacgcagt tcgactctgc  1380
cggcggggtg gcctacctgg atgacatcgc ttccatgccc tgccacactg gcagcatcaa  1440
cagcacagac agcgagcgct ggaaggccat caatgcctga gggcagctgc cagggcctgt  1500
ggaggacagg ccagagagga ggccagcagg cccagagtcc ccaggggagg aggaccaggt  1560
caagggacgt tctgtgggca gtagccctgt gtggccctgt tcccaccatg agtctggagg  1620
ccccacctcc ctggggctcc caatccccct tgccatctct gctctcactg gggaccctcc  1680
tccccttccc acctgctctc atactgctca gtgacatggc ccaggctttc cttccagggc  1740
catgcttggc aaggttggct gagggcaccc tccttctctg caccttggc acgagggcag   1800
ggctggctct cccaatgcct ccatcccatc cccatggtgc tttggcctcc tcaaagcatc  1860
caccatggtg gatggactga agtgtgtata ttttcttgat ctattttta ataaaaagga  1920
aaaggagcaa aaaaaaaa                                               1938
```

<210> 9090
<211> 1115
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (511)...(1114)
<223> similar to gi4584423 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9090
```
ttaatagaag tggtttcttc gaacgaaggg tggggttcag cccaggagca tttggcacac      60
tccgtctctc ctacccctca gctcggccgc cacttgtgag ccgttgatgt gcgggaaggg     120
cgctctctac ggcgggatcc tcgctggtag gaggcaggtc ccaggcctgg caagggttgt     180
ccccggaggg ctgggccggg gcggcacccc aggagcacct gcccatgagg cggctgcgcg     240
tacagacgtt ccagcccctc ccgcctcacc gtgtgtttac gtgtagacga agatgtcggc     300
ggcggcggcg gtgacggcgc ttcccgtgcg gctgaggacg atccgccagt gagcgcggag     360
actgcttcca cttcgggcgg gggagccccg daccgaatcg gctctctagg ccgtggagct     420
tgccgtccca cctccgtcca aatcgacctt tcctttctat ccccaaccac ccctcaaccc     480
ctgttttccc ctgccttcct tgcagaggcc atggaggacg aggagagaca gaagaagctg     540
gaggccggca aagccaagct tgcccagttt cgacaaagaa aagctcagtc ggatgggcag     600
agtccttcca agaagcagaa aaaaaagaga aaaacgtcaa gcagtaaaca tgatgtgtca     660
gcacaccatg atttgaatat tgatcaatca cagtgtaatg aaatgtacat aaatagttct     720
cagagagtag aatcaactgt gattcctgaa tctacaataa tgagaactct acatagtgga     780
gaaataacca gtcatgagca gggcttctct gtggaactgg aaagtgaaat ttcaaccaca     840
gcagatgact gcagttcaga ggtaaatggt tgcagttttg tgatgagaac aggaaagcct     900
acaaatttat taagggaaga agaatttggg gttgatgatt cttattctga acaaggagca     960
caagacagtc cgactcatct agagatgatg gaaagtgagt tggctgggaa gcagcatgag    1020
attgaagagc taaacagaga gctggaagaa atgagggtta cctatgggac tgaaggactg    1080
gccccagttc catgatttgg aagctgccat taacg                              1115
```


<210> 9091
<211> 830
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (436)...(833)
<223> similar to gi6007775 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9091
```
tttttttta actttaatt ttaaaaatga taaagaaacg gggataaaaa taaaccacct      60
aaatgagtca tattagtttc tttagctttt tcaaatagtt tctaaaatgg aaggagattg     120
aaagccagtt ttttaagatt tatttcaagt gttgtgcaaa gagggcttat gcaattcttc     180
```

7540

```
agaccctatt tattttattt atttatttat gtacattctt ctggaaagga ttactaaagc     240
caaactaaga aaagtatgta agtgatggat tatcaggcgc ccttgtttga ggtcagagta     300
aacagacaga ctcccgatag gttggtttaa aagtagatac ctagattgcc tggaagcatt     360
caactcagct ttgtgggagc atttggtcaa acttccaagt cattgttttt tttgtgtgtg     420
ttcattttgt tacttttcca gttcttcctt tgttctgttt atgtgccaat gtgcacagag     480
aagatcaaca tccccattgg cccatgcggc ggcatgtgtc tttcagtcaa gagacgctgt     540
gaacccgtcc tgaaggaatt tggatttgcc tggccagaga gtctgaactg cagcaaattc     600
ccaccacaga acgaccacaa ccacatgtgc atggaagggc caggtgatga agaggtgccc     660
ttacctcaca aaacccccat ccagccctgg ggaagagtgt cactctgtgg gaaccaattc     720
tgatcagtac atctgggtga aaaggagcct gaactgtgtg ctcaagtgtg gctatgatgc     780
tggcttatac agccgctcag cccaagaagt cactggatat ctggatggct             830
```

```
<400> 9092
cagtccttgt tcccccagga agggctggtg ggccccagca cacacttggg attatgtgta      60
tacataaata aatattgggc tgtttccctc ttcctgtgaa gtggttctca aattcctatg     120
tactgtaaag ctgtaccctt aaaagtacag atgtggccgg gcacagtggc tcacgcctgt     180
aatcccagca ctttgggagg ctgaggcggg tggatcactt gaggtcagga gttcaagacc     240
agcctggcca acatggtgaa acctcgtctc cgctagaaat acaaaaatta gccaggcgtg     300
gtggcgggca cctgtaatct cagctactcg agaggctgag gcaggagaat ctcttgaacc     360
tgggaggtgg agattgcagt gagccgaggt cgtgccattg cactccagcc tggacatcaa     420
agtgagactc aggccaaaaa aaaaa                                           445
```

```
        <400> 9093
tgttttcctc ttgatcggga actcctgctt ctccttgcct cgaaatggac cccaactgct    60
cctgctcgcc tggtaaggga cacctagctc cgcgccttgg gatgcccgtt tcccagccac   120
agtacagact cttcctgggt ttgaagaagt cgcatttaaa gttctgagct gaaggggctc   180
ctttatttcg ttaggtgctt tcttcccgat cacgtccctg agaccacttc tcgcctccct   240
gtgcctctaa gttagagttg agggtactga ggcccaaggc tgtcctgctc catgtcaccc   300
agttggtcag ggggctgctg gctgagcccc aatgctctga ccaggctctg agcagtcagg   360
gtggatggga agtgggggc cattgccttc tcggagttca ggacagaagg ttctggcctc   420
ctgtcttagc cttcctgggc tgtgtctgga gcctgggacc ttgcttgtgg ggtaaaagca   480
acagaacact tgcccttccc aaaatgaagg gagaggagat ggggcttctc ttcctctccc   540
ctgagtggga aaggagctct gggggctggt cctgcagcac agaggagggg tcactgaagc   600
gttattgacc agctgctgta ccttctgcat ctcactccac gctcactgcc tttttctctt   660
ccttgcagtt ggctcctgtg cctgtgccgg ctcctgcaaa tgcaaagagt gcaaatgcac   720
ctcctgcaag aagagtgagt gcagggcctt ccctgcgaat ctgggggatg ggccaagtta   780
gagcagggaa cccagagctc tgcaggcagg ggcaggccaa tgaccagctt ccccaaaccc   840
ctccttcaac acctg                                                    855
```

```
        <210> 9094
        <211> 497
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1)...(498)
        <223> n = a,t,c or g

        <220>
        <221> misc_feature
        <222> (183)...(394)
        <223> similar to gi207145 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9094
ggagggnnn nnnnnnnata gaagaccana tagatagncc gtcggaannc gccgcagcgg    60
cagggccggc ggggaagtgg gaagagggac ctggacttcg ggacnnnnnn nnnnnnnnnn   120
nnnnnnntct ccaccagctc aggctgaacg cgcctggaac gtcccaggtc ccctctgcca   180
ccatgaggaa catttttcaag aggaaccaag agcctattgt ggctcctgcc accaccacgt   240
cacgatgccc attggacccg tggacaactc caccgagagt gggagtgctg gggagagcca   300
ggaggacatg tttgccaaac tgaaggagaa gttcttcaat gagattaaca agattccta   360
ccaaggagct catattatca gagttgctgt ccaacctgta cttgcatggg aaccagaaca   420
cgctgatgga ggagttggca gagcacgcac agtggcgaga tgagatgctg cgcatgtacc   480
acgtgctgaa ggaggtg                                                  497
```

```
        <210> 9095
```

7542

<211> 1215
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1216)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (650)...(1215)
<223> similar to gi2183083 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9095
```
cgacccacgc gtccgctcta gttcaccagc acatccaaaa caaacattag aaaacaacca    60
cccaaatcca ttcttgacaa atgcactttt aggtaatcac caaccaaatg gagttattca   120
aagtgtcatt caagaagctc ctctagcact tactaccaaa actaaaatgc agagcaagat   180
taatgaaaac attgctgctg caagtagcac cccttttttcc tcacctgtaa atctgagtac   240
aagtgggaga agaacccctg gcaatcagac acctgtaatg ccctctgcct ctcccatcct   300
gcatagtcaa gggaaggaaa aagcagttag caataatgta aacccagtaa aaacacagca   360
tcactcccat cctgcaaaat ctttagtgga acaattcaga ggaacagatt cagacattcc   420
cagtagtaaa gattctgaag attcaaatga ggatgaagag gaagatgatg aagaagaaga   480
tgaggaagat gatgaagatg atgaatctga tgacagccaa tcagaatcag atagtaattc   540
agaatcagat acagaaggat cagaagaaga agatgatgat gataaagacc aagatgaatc   600
agatagtgat actgaaggag agaaaacttc aatgaaactg aataaaacaa cttcctctgt   660
caaaagccct tccatgagtc tcacaggtca ctcaacacct cgtaacctcc acatagcaaa   720
agccccaggc tctgctcctg ctgccttatg ttctgaatcc cagtcacctg cttttcttgg   780
tacatcttct tccacactta cttcaagccc acactctggc acttccaaaa gaagaagagt   840
aacagatgaa cgtgaactgc gtattccatt ggaatatggc tggcagagag agacaagaat   900
aagaaacttt ggagggcgcc ttcaaggaga agtagcatat tatgctccat gtggaaagaa   960
acttaggcag taccctgaag taataaagta tctcagcaga aatggaataa tggatatctc  1020
aagggacaat ttcagcttca gtgcaaaaat aagagtgggt gacttctatg aagccagaga  1080
tggaccgcag gaantgcagt ggtgtctttt gaaagaagag gatgtcattc ctccgtatca  1140
gggcantgga aggtcgtagn ggaagncccc canatccagg atngaccacc gggccaggag  1200
gggctnccag gntta                                                    1215
```

<210> 9096
<211> 855
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (548)...(805)
<223> similar to gi4567070 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9096
```
ggaattccat ctccagggat cagagacagg cctgccacct cccttttctg aaaagatgcc   60
tttgggtgtc atgccctggg gtggcactgg aagcctggga tggaaccagg aacctgggac  120
tgtgcgggga ccccctcac accccttcac cagctggctt cctgccctcc ctgttagcca  180
tcaccctctg gtcaccaagg tgctgtgccc ggccctgggc tggatgctgg gaacccagag  240
tgaattcgaa gtggcccggc ccaggggagc caacgtgtgg cccaacatgg acgctcagga  300
cagctgggag acggcaccgg ccgggcccag ggcagtgcca gagtgcccac agaggccagc  360
cctgtcccac tgggcttcac ctgctcgtgc tgcctttccc tagagccctg ggggcttcct  420
aggaatgtgc cgcacccgcc gccctgctgc cctggcattg gcctaggtgg gcgctgcagc  480
tccatggccc cacagaggcc gcttgtccag gcagggaggg ccgctcaggg cgggtaccat  540
gcctgctgcc ctctcacagg actgccttca gggcatccgg agcttcctga ggacacacca  600
gcaggtcgcc tccagcctga ccagcatcgg cctggccctc acggtaccct ctcgcctccc  660
tcactgcccc ttcccacctc ctgcccctca gcctgcccag cccccgactt acatggaatg  720
gtgacccggg acaggatctc tggtcttgag cctcactggc tgccaacctc agggagctgc  780
tctggtgcta cagggcctgc ctgctacagc tgggccgatc acttacactg gcaagtcctg  840
gatgctcccg ggggg                                                    855
```

<210> 9097
<211> 871
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (267)...(869)
<223> similar to gi512381 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9097
```
atcttaggtg aaaaggatga ttcaccggtt cgtgtctgtg acaagtgtgg atagcctatt   60
aaaatctatg ggagaatgat cccatgcaag catgtttttt gctatgactg tgctattta   120
catgaaaaaa agggagataa gatgtgtcca ggctgtagtg atcctgtgca gcgaattgag  180
cagtgtacac gaggttctct cttcatgtgt agcattgttc aagggtgcaa gagaacatat  240
ttgtctcaga gagacttaca ggctcatatc aaccatcgcc atatgagagc tggaaaacct  300
gttacccgtg cttcacttga aaatgttcat cctcctattg ccccaccacc aactgaaatc  360
cctgagcgtt ttataatgcc accagacaag caccatatga gccatattcc gccaaagcag  420
cacatcatga tgccaccacc tcctttgcaa catgtgccac atgagcacta taatcagcca  480
catgaggata ttcgtgctcc tccagcagaa ttgtccatgg ctccacctcc acctcgatcg  540
gtcagtcagg aaacctttcg tatttcaaca agaaaacaca gcaatttaat aaccgtccct  600
attcaggatg actcaaattc aggtgataga gaaccaccac ctcctgcccc agcacctgct  660
caccatcatc ctgaatatca gggtcaacca gtggtatcgc accctcatca tattatgcct  720
ccacagcaac attatgcacc acccccacct cctccaccac caataagcca tccaatgcca  780
catcctcccc aggctgcagg tactcctcac ttggtatata gccaagctcc acctccacca  840
atgacctcga ctcccccccag aattccagca c                                 871
```

<210> 9098
<211> 1504
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (396)...(956)
<223> similar to gi1916672 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9098
```
ttcggcacga agcgtgtctc ggggtggacg atgttatttg aaaagttaca ggacagattt      60
tctgtgttaa tggacatgag ccatacattg agagggctgc tggctactga aagaaatata     120
aaattttaaa atttctgaaa tcatgcagtt aacatctgca cacttcacta tattttaagt     180
ttttgttaat ataaaagaat aagaaaacag aaaagtatta ctgttaaaca ataatagaga     240
aatgtatact ttatttataa atttctccct ctagctgatc atacagttga ccagttcagg     300
gtgcccgctg ctggttggat gccaggcgga atgtcagggt gttctctggt gtctgttgtg     360
gctgtgggat ccacggttac tgggcggagc cctgtggtgg ctgtggtgcc atggaggggc     420
tgcgatcttc tgtggagctg gaccctgagc tgactccagg gaagctggat gaggagatgg     480
tggggctgcc accccatgac gcgagtcctc aagtcacttt ccacagcctc gatgggaaga     540
cagtggtgtg tccacacttc atgggcttac tgctgggtct cttactttta ttgactttgt     600
ctgttaggaa ccaactctgt gtaagaggtg aaaggcagct tgcagaaaca ctgcattcac     660
aggtgaagga gaaatcccag ctcattggca agaaaacaga ttgtagagac tgaggcatct     720
ttaaaagatg tcagggtaca gaaaaagtct ttcaacaccc ccggctttgt agatgcctac     780
aagaaggtga atagcaccaa cgagatgctg atggagaaat ttaccaccct cgttcaagaa     840
ctgaaagaag agacatcctc cagactctcc aggcaacaag aggagctggt agagatgcta     900
acaacgctgg aggccctggg agaggccatg agagccaccc cgtcacaagg agcttttcca     960
cacctgccat gcagctgaga gccaagccct gctgctctct cccccacgag ggggctgggt    1020
cttagagcag cactgttctt ttcccctcca cccaggcctc ccgagctgcc aggctctgtg    1080
ctcccacact gactccatct gaggggtcct tgaggccagt ggatctggag taccccgccc    1140
ctggcctgga gttcctcctc cttctcacgc tgacactgca gccagctcct caatgggcgg    1200
tgcctccaaa tctaaagaat atggaggtcc tggagcacac caagaaatga gggacttttt    1260
ctttgcagaa agtttgaatt ctgtcttaat gagacagaat gccatacttg agcacctcat    1320
cttttgctca aattgaaatg tcatcgaact gtatttctca agtcaaaggt ctgtaaatat    1380
gatttatgta ttaatctcct aagtgaacaa tttatatttt atcctctaca taattatcgt    1440
attatgcttt aaatatatat ttagtttatc aataaagaca ttcagtactc aatagcaaaa    1500
aaaa                                                                 1504
```


<210> 9099
<211> 1406
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1407)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1074)...(1406)
<223> similar to gi170454 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9099
tttttttttt ttgcagctgc ggagcgactt tattgtcttc tccttcgaca gcttcgttgt   60
acatagctgg gcccccgagg ccctgactgt ccctgggaac caagccacgt ggggtgaagc   120
tactttgaaa cctcacccac agttcacacg tggtgaaaga gaaaatctag caaagtaaat   180
ccaacaacaa cccaaattaa cagtattatt aacttcctac cccaagctgg ctctcccca   240
ggccctgaac tggctcagga aggaggcagg aatgagctga ccgagacaag gcatcctcca   300
cccacacatc ccatcttctg agtggtccca gagctgtgcg ccacccctgt gggacaatca   360
ggcactcctg ggtctctacc agctgtgatg agacgtacaa gaggagggtc tgagcccaga   420
ataaacaaga gcatcctgag gctggagagg caggcccagt gtgcccggac caccctgctc   480
tgcctgagag gatgggctgg gttccagctg gcccggccgc cacctagtga ctgcttggga   540
cagtggagat gatgacagga tgcccactcg ccctaggcag tcagaagcgg ggtacacaca   600
aacactctag aagccacact tagcaggaat tcccagtctt ccggcccagg ggagggtgcc   660
accagctcag gcagccctca agaggaggcc gggagcaact tctccagggc cttcttctgc   720
ttctcggtgg ctgcagccag ggcctcaacc agcttctcct cgggcatcat gttgagcacc   780
ttgagggcaa agaggagctg gcacttagcc gtgctcacga aggcgttgct caggaagttg   840
gggaagcctc cgactcggtc cttctgggtg tacagcggga cccgcacgag gcccagcacc   900
tgcgcagaca ggaggtaggg gttggggcca ggcctgccac acaatggcac ctccagcagg   960
aggggcctgg aagctatgag gccagggtat gagcagccag ctttgccaag gacttaatgg   1020
gagacccacg cagggcctgg cagaagccag ccagctccct cggagcagtg cagccccctc   1080
ctccccaagc aagtgtggag gctgacccca tgcactcccc cccctcgtac ccaggccacc   1140
ccaccccggg gtccgcaccc catgctcccc ccgtccaccc aacgaagcct gaacacccgc   1200
agtccagccc ttccagacca caaagtacaa atcccaagag ccttcacgcc caacatgagg   1260
ttcccaagtt ttacaacccc cgctgtgctc aagtttccca actccccaaa caatccccgc   1320
tcctccccca tcccttcctc cccaccgatc ccactcccga attcnccgcn cttcctatga   1380
tctcagttgg tttctatggn ggccct   1406

<210> 9100
<211> 879
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (103)...(854)
<223> similar to gi5823554 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9100
tttcgtcccg gcggtcacgg gaatatccgt cgcgccgaga acgctggtta gtcttgtttc   60
gggttccggc tgcgttgggc ttgcgtgcgg ctcgctaaga ctatggcgtc cgggcctcat   120
tcgacagcta ctgctgccgc agccgcctca tcggccgccc caagcgcggg cggctccagc   180

7546

```
tccgggacga cgaccacgac gacgaccacg acgggaggga tcctgatcgg cgatcgcctg    240
tactcggaag tttcacttac catcgaccac tctctgattc cggaggagag gctctcgccc    300
accccatcca tgcaggatgg gctcgacctg cccagtgaga cggacttacg catcctgggc    360
tgcgagctca tccaggccgc cggcattctc ctccggctgc cgcaggtggc gatggcaacg    420
gggcaggtgt tgtttcatcg tttttctac tccaaatctt tcgtcaaaca cagtttcgag    480
attgttgcta tggcttgtat taatcttgca tcaaaaatcg aagaagcacc tagaagaata    540
agagatgtga ttaatgtatt ccaccacctc cgccagttaa gaggaaaaag cgaccagcta    600
catttaccaa agcctgggtg atgtggagtg gtacatagag atgaagctgt cgtcatggca    660
acagactcca agcccctga tccttgatca gaactacatt aacaccaaaa atcaagttat    720
caaagcagag aggagggtgc taaaggagtt gggattttgt gttcatgtca agcatcctca    780
taagatcatt gttatgtatt tacaagtctt agaatgtgaa cgtaatcaaa ccctggttca    840
aactgcctgg gtagtccatg atggaattac atgaatgac                           879
```


<210> 9101
<211> 497
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (334)...(355)
<223> similar to gi5105779 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


```
<400> 9101
gcggccgcgg gacggggtag tgagcgcgtc acttcctgcc gctgccaggc gcgtcctccc    60
gcgcgctatg acggccagcg cacagccgcg cgggcggcgg ccaggagtcg gagtcggagt   120
cgtggtgacc agctgcaagc atccgcgttg cgtcctcctg gggaagagga aaggctcggt   180
tggagctggc agtttccaac tccctggagg tcatctggag ttcggtgaaa cctgggaaga   240
atgtgctcaa agggaaacct gggaagaagc agctcttcac ctgaaaaatg ttcactttgc   300
ctcagttgtg aattctttca ttgagaagga gaattaccat tatgttacta tattaatgaa   360
aggagaagtg gatgtgactc atgattcaga accaaagaat gtagagcctg aaaaaaatga   420
aagtaagaga attatatata atcatgcatt tttctttcag gagagcaagt ggtctggagg   480
aatattacag taatgtt                                                  497
```


<210> 9102
<211> 1018
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (197)...(560)
<223> similar to gi2506078 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9102

```
tatccgcagc ttcagcttcc gccgcctctt cagccctcgg cgccgccgcc tgacccgcag      60
gccgccgcgg ccgcaagagc ccatgagggc gcgggcaccg ccgccgcctc cgcggcgtcg     120
ccgtcgtccc ggagcgcccc gagctggcgc gggcatggcc gcggcatgag cgtggagccg     180
ccgccggagc tggaggagaa ggcggcgtcg gagcccgagg cgggagccat gccggagaag     240
cgcgcgggcg cgcaggccgc ggggagcacc tggctacaag gctttggccc accaagtgtg     300
taccatgctg ctattgtcat cttccttgaa ttctttgcgt ggggcctttt gacaactcca     360
atgttgactg ttctacatga aacattttct caacacacat tcctcatgaa tggtctcatt     420
caaggtgtaa agggcctgct ctcttttttg agtgccccac tcattggtgc cctgtctgat     480
gtgtggggga ggaagccctt tctcctcggc actgtattct ttacctgctt cccaatccca     540
ctgatgagga tcagcccatg tttatgcaaa taccgtatac gtgataaacg tccctacaac     600
atgatctttg gaatgaacta agacaaagga aactctgagg aaggaccatg gcctgagagg     660
tggaattcat ccttccgagg actgagatga ggacggaaaa tgaaccatcg gggggattga     720
cggtgaagat gctaatacct gcccagcatc gaccctagtg cgggtcccaa gaccatcccc     780
ctgtgcaggc tccaccaccg ctgtgctaac tggaccgcgg cagaagagtg ggtgtgtgcc     840
aggtttctgc tgggccctgc agctcctccc cccagcccca tgtgatgtgc ccctggccat     900
tgacactcag ttcgagggaa ggcactgggg tgtacactca aagacctaaa cccagggtgg     960
gtgcggtggc tcacgtctgc aatcccagca ctttgggagg ctgaggcggg tggatcac     1018
```

<210> 9103
<211> 1574
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1116)...(1354)
<223> similar to gi2947316 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9103

```
ggaagacatc ctgagcgatg aggtcaacgt ggcccgtggt gtggccagcc tctttgccgg      60
acgctctgtg gcctgtgtgg acagaaaggg ctctggacgc tactctatct acattgccaa     120
ttacgcctac ggtaatgtgg gccctgatgc cctcattgaa atggaccctg aggccagtga     180
cctctcccgg ggcattctgg cgctcagaga tgtggctgct gaggctgggg tcagcaaata     240
tacagggggc cgaggcgtca gcgtgggccc catcctcagc agcagtgcct cggatatctt     300
ctgcgacaat gagaatgggc ctaacttcct tttccacaac cggggcgatg gcacctttgt     360
ggacgctgcg gccagtgctg gtgtggacga cccccaccag catgggcgag gtgtcgccct     420
ggctgacttc aaccgtgatg gcaaagtgga catcgtctat ggcaactgga atggccccca     480
ccgcctctat ctgcaaatga gcacccatgg gaaggtccgc ttccgggaca tcgcctcacc     540
caagttctcc atgccctccc ctgtccgcac ggtcatcacc gccgactttg acaatgacca     600
ggagctggag atcttcttca acaacattgc ctaccgcagc tcctcagcca accgcctctt     660
ccgcgtcatc cgtagagagc acggagaccc cctcatcgag gagctcaatc ccggcgacgc     720
cttggagcct gagggccggg gcacagggg tgtggtgacc gacttcgacg gagacgggat     780
gctggacctc atcttgtccc atggagagtc catggctcag ccgctgtccg tcttccgggg     840
caatcagggc ttcaacaaca actggctgcg agtggtgcca cgcacccggt ttggggcctt     900
tgccagggga gctaaggtcg tgctctacac caagaagagt ggggcccacc tgaggatcat     960
```

```
cgacgggggc tcaggctacc tgtgtgagat ggagcccgtg gcacactttg gcctgggggaa   1020
ggatgaagcc agcagtgtgg aggtgacgtg gccagatggc aagatggtga gccggaacgt   1080
ggccagcggg gagatgaact cagtgctgga gatcctctac ccccgggatg aggacacact   1140
tcaggaccca gccccactgg agtgtggcca aggattctcc cagcaggaaa atggccattg   1200
catggacacc aatgaatgca tccagttccc attcgtgtgc cctcgagaca agcccgtatg   1260
tgtcaacacc tatggaagct acaggtgccg gaccaacaag aagtgcagtc ggggctacga   1320
gcccaacgag gatggcacag cctgcgtgga aagaaccttg ctacttggtc tctgcaatct   1380
ccttggaaaa tagaatgctc ctgtagccag aacactcttt ggaaatgatg taacgccaca   1440
gaatatgctc acgaccagcc tcagtagtga aggcttgtta taaacatag atctattctt    1500
catggggaaa aaaagtcatc ccaggatata ataaaattac acttaagaat gcagcaaccc   1560
                                                                    1574
tttttagaac atat
```

```
<210> 9104
<211> 1120
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (224)...(1104)
<223> similar to gil731986 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
       <400> 9104
aaatttgcac cgcgctgcag gcgcggaggc caggagctgc gcaaggaggc ggaggaggaa     60
actgaggcat gaaaaatgcc tcacagaaga gggttaggga cacctccagg agcagaggga    120
gtttcaaccc caccacctcc tcacccggga agttggatct gcctccactc cacagaatgt    180
gagagcaccc agccctgaca gcattaagga gcccttcct gcattcctag agaagtacgg     240
atacctcaat gaacaggtcc ccaaagctcc cacctccact cgattcagcg atgccatcag    300
agcgtttcag tgggtgtccc agctacctgt cagcggcgtg ttggaccgcg ccaccctgcg    360
ccagatgact cgtccccgct gcggggttac agataccaac agttatgcgg cctgggctga    420
gaggatcagt gacttgtttg ctagacaccg gaccaaaatg aggcgtaaga aacgctttgc    480
aaagcaaggt aacaaatggt acaagcagca cctctcctac cgcctggtga actggcctga    540
gcatctgccg gagccggcag ttcggggcgc cgtgcgcgcc gccttccagt tgtggagcaa    600
cgtctcagcg ctggagttct gggaggcccc agccacaggc cccgctgaca tccggctcac    660
cttcttccaa ggggaccaca acgatgggct gggcaatgcc tttgatggcc caggggggcgc   720
cctggcgcac gccttcctgc cccgccgcgg cgaagcgcac ttcgaccaag atgagcgctg    780
gtccctgagc cgccgccgcg ggcgcaacct gttcgtggtg ctggcgcacg agatcggtca    840
cacgcttggc ctcacccact cgcccgcgcc gcgcgcgctc atggcgccct actacaagag    900
gctgggccgc gacgcgctgc tcagctggga cgacgtgctg gccgtgcaga gcctgtatgg    960
gaagccccta gggggctcag tggccgtcca gctcccagga aagctgttca ctgactttga   1020
gacctgggac tcctacagcc cccaaggaag gcgccctgaa acgcagggcc ctaaatactg   1080
ccactcttcc ttcgatgcca tcactgtaga caggcaacag                        1120
```

```
       <210> 9105
       <211> 2556
```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2557)
<223> n = a,t;c or g

<220>
<221> misc_feature
<222> (128)...(982)
<223> similar to gi4558873 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9105

```
agcggccgcg gggccccgga caagggtccg cagagctgca gccttcgagg gccagccctc    60
tccgagtccg gggctgggtc ccaccagtga caaggcggca gccccgcgca caccaaagag   120
aaggcggctg tggcggcagc ggcagcccca gccatgctgt gttatgtgac gaggccggac   180
gcggtgctga tggaggtgga ggtggaggcg aaagccaacg gcgaggactg cctcaaccag   240
gtgtgcaggc gactgggaat catagaagtt gactattttg gactgcagtt tacgggtagc   300
aaaggtgaaa gtttatggct aaacctgaga aaccggatct cccagcagat ggatgggcta   360
gccccttaca ggcttaaact tagagtcaag ttcttcgtgg agcctcatct catcttacag   420
gagcagacta ggcatatctt tttcttgcac atcaaggagg ccctcttggc aggccacctc   480
ttgtgttccc cagagcaggc agtggaactc agtgccctcc tggcccagac caagtttgga   540
gactacaacc agaacactgc caagtataac tatgaggagc tctgtgccaa ggagctctcc   600
tctgccacct tgaacagcat tgttgcaaaa cataaggagt tggaggggac cagccaggct   660
tcagctgaat accaagtttt gcagattgtg tcggcaatgg aaaactatgg catagaatgg   720
cattctgtgc gggatagcga agggcagaaa ctgctcattg gggttggacc tgaaggaatc   780
tcaatttgta aagatgactt tagcccaatt aataggatag cttatcctgt ggtgcagatg   840
gccacccagt caggaaagaa tgtatatttg acggtcacca aggaatctgg gaacagcatc   900
gtgctcttgt ttaaaatgat cagcaccagg gcggccagcg ggctctaccg agcgataaca   960
gagacgcacg cattctacag gtgtgacaca gtgaccagcg ccgtgatgat gcagtatagc  1020
cgtgacttga agggccactt ggcatctctg tttctgaatg aaaacattaa ccttggcaag  1080
aaatatgtct ttgatattaa aagaacatca aaggaggtgt atgaccatgc caggagggct  1140
ctgtacaatg ctggcgttgt ggacctcgtt tcaagaaaca accagagccc ttcacactcg  1200
cctctgaagt cctcagaaag cagcatgaac tgcagcagct gcgagggcct cagctgccag  1260
cagacccggg tgctgcagga gaagctacgc aagctgaagg aagccatgct gtgcatggtg  1320
tgctgcgagg aggagatcaa ctccaccttc tgtccctgtg ccacactgt gtgctgtgag  1380
agctgcgccg cccagctaca ggtaggggag tcagctgccc acttttgcct gcagcctcac  1440
ctatccctcc tcttaacggg gagtaggagc caggtactgg ctcgctaatg cacagacggg  1500
gaatgcccat cttcacccgg aaagggtctt tgtatttggt gacctaaaag gcattgccct  1560
ttagaaacat tttagattag catactattt tcaacaacat aattactcca aattatgcag  1620
tgttttcaag ttctgaaaat gaggctgaga ttcctgggta acatatctag ttagcggctt  1680
acctgaggac aagaatccag gcctcctgag gcctggccca gggctgcttc ctctatttca  1740
agttgcctcc ctttttctga cacttaggag gatggtcttt attacttaag atatttggga  1800
aagaatactt ctcaattatc catggatggg ttgttgactc tgtgatattg gtgattaatt  1860
tccttttatg attgcaaatg cctcaagggc atatgggttg gctgttattt attagcaagt  1920
caaactaatt ttaatattaa cacgaaaaag agaactcaca tatagttttc ttcctttctt  1980
gcatgaagaa gaattttaaa tttcctctta caagtttttt caatttgttt ttatttctca  2040
gatgtgtttg ccaaatgtca ctgtggtttt atgtaaaact ggttctagat aatacttagt  2100
ccttcagaag ctgctaattt cagagctaat aagaccaaat gacccctgtg tcctttcccc  2160
agaagcagtc ataggcttgt ctttttctgc ccacctattc tgactctcat ccctaagtct  2220
ctcctgaggg ctgatgatgg gcacgggctt tctgagaagt cagccaggaa tgtggagctg  2280
ccacctacgg ctagaagcag agccaccctc cctggccatg tgggcatcag cccagaaatg  2340
```

7550

```
ttggcctgag tcagtcagct gagctaagga cacacaattt caagaagggt ctcctgcatt    2400
gctgcctgaa gtgttatagt ctactcatgt agagaccaca ttctgcacag aaagacgtct    2460
tcagtaattg ctttattcaa tgtaccttct ttagcggttc actaaaaatg taattaattt    2520
ccttcaggtt atactatggc ataanaatta tttttt                              2556
```

<210> 9106
<211> 897
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (765)...(103)
<223> similar to gi4584080 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
      <400> 9106
ttttttttttt ttgtgactca taaagtgctc tttattggca tctgaaaaag aagtgcctca     60
gccttcaagg ctgggacaga agttggggag gagctgctct gccccaggct caataccaat    120
agaccttctt gtatttccgg gtctccttga tccccatggc ctccatcacc tcctcctgca    180
gtgtctttag acagggcaca taggttcttt ctaaagcatc ttccactgat gtgtctttgg    240
ggccatcaat ccacgtttca gggacgatgc catcagctct gggaaattcg ggtttaggga    300
taattctccc tgatcgtgtg gagactcgta cccgctctcc tgcttcagta aatctccact    360
cgatctcagt gggtttcctg tccataggat ccacaagttt gacctggcgg tggagcaagg    420
gggcttcact agggatcatg gttccccggt aatccatggt cttgccaatg tagcggtaat    480
gtgtgttcag ccctcccacg accacccagt ttcgctgccg gataacttga accactttgc    540
cctgcttccc ggcatccttg ccttctagga tctccaccgt gtccccacag aacagatacc    600
agtcttcatc agagatgggt tccacaacca ctgggcgccg cctgatccat ggggggttct    660
tcctcttgtc tgcaacagag cctggggggc tcatcccata gcggtaatgg gggggcagag    720
tgaccttgga tgccaaggcc agcagggcag aaagacgcat gcctggaggt tgtaagaaat    780
ccctttgcca gcaaaacgct cgaaaccttc cttgtcagct ctgcctctcg gacgggcacc    840
tctagggcgg gcggccctca cctccacttt ccgcggcact tcggattttc ctcgtgc       897
```

<210> 9107
<211> 1382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (272)...(1382)
<223> similar to gi4826432 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9107
```
ggaattccag aggggagcag ttttttcttt ggagggacac caatgaaaca tgtgcctttg      60
aagcctgggt ctcctttgga tctgtggcag cagacagctc catttggcaa aggttaagat     120
gagacattaa caatcttcca ccccttctt ttagagccct ggcaagacca gtgaattgaa     180
tgaaggaatt atacctagag gtacatacct gagcctgggt tgctgctatg agataaaaca     240
ccattaatgc cttctctttt tcctttcaa acagttggaa tttggagctg gagacctaca     300
ggggcctttg ttcggtctca agctgttccg taatctcaca ccaagatgct ttgtgacaac     360
aaactgtgct ctgcagtttt catcccgtgg aatccgaccc ggcctgacca ctgtcctagc     420
tcggaaccta gacaagaaca ccgtgggcta cctgcagtgg cgatgggta tccagtcagc     480
catgaacact agcatcgtcc gagacactaa aaccagccac ttcactgtgg ccctgcagct     540
gggaatccct cactcctttg cactgatcag ctatcagcac aaattccaag atgacgatca     600
gactcgtgtg aaaggatccc tcaaagcagg cttctttggg acggtggtgg agtacggagc     660
tgagaggaag atctccaggc acagcgtttt gggtgcagct gtcagcgttg gagttccaca     720
gggcgtttct ctcaaagtca agctcaacag ggccagtcag acatacttct tccctattca     780
cttgacggac cagcttctgc ccagcgccat gttctatgcc accgtggggc ctctagtggt     840
ctactttgcc atgcaccgtc tgatcatcaa accatacctc agggctcaga aagagaagga     900
attggagaag cagagggaaa gcgccgccac cgatgtgctg cagaagaagc aagaggcgga     960
gtccgctgtc cggctgatgc aggaatctgt ccgaaggata attgaggcag aagagtccag    1020
aatgggcctc atcatcgtca atgcctggta cgggaagttt gtcaatgaca agagcaggaa    1080
gagcgagaag gtgaaggtga ttgacgtgac tgtgcccctg cagtgcctgg tgaaggactc    1140
gaagctcatc ctcacggagg cctccaaggc tgggctgcct ggcttttatg acccgtgtgt    1200
gggggaagag aagaacctga aagtgctcta tcagttccgg ggcgtcctgc atcaggtgat    1260
ggtgctggac agtgaggccc tccggatacc aaagcagtcc cacaggatcg atacagatgg    1320
ataaactgcc aagaaccaga ttttttcaaaa ggccgcaaaa aatctttttcc tggaagtcta    1380
ca                                                                   1382
```

<210> 9108
<211> 463
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(464)
<223> similar to gi567121 in the genepept database release 114,
       Run with FASTXY 3.3t00, default parameters

<400> 9108
```
aatagaaaac cttgataacc ctttccagtg tgcggaattc cctgggattc cgaggtgttt      60
ccattcggtg atcagcactg aacacagagg actcaccatg tttttttggc tgagctgggt     120
tttccttgtt gctattttaa aaggtgtcca gtgtgaggtg cagctggtgg agttaggagg     180
aggcatgatc cagcctgggg ggtccctgag actctcctgt gcagcctctg ggttcaccgt     240
cagtagcaaa tacatgagct gggtccgcca ggctccaggg aagggctgg agtgggtctc     300
agtcatatat agtggtggta gcacatacta cgcagactcc gggaagggcc gattcaccat     360
ctccagagac aattccaaga acacgctgta tcttcaaatg aacagcctga gatccgggac     420
acggccgtgt attattgtgc gagatctgac tacggtggta acg                      463
```

<210> 9109
<211> 2231
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2232)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (961)...(2179)
<223> similar to gi23903 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9109
gcggccgcag acaaagggcg gctcgcgccc gggccgccac gctctcgggc tctgcctcgg   60
gaaggagact tggtctgaaa gatgccacat tcctgcagcc tctcttggtg cagtggaata   120
cagtcttggg cgaggtggcg tggatgagct ggtgaaagag gatgctgccc acatccaaag   180
gctccagagg atcctgggcc tgggcagctg agctccctg catttgggaa cctcaggcgt   240
aacttgggtg tagagctcat gaaaggtgct tgtgtttctc cagcttttt tcaccagtgc   300
cttaccagac tgggctcagg ttttgggaat tctaagggtg agctgggtag gaaacaggga   360
gagggtagga aagaagcccc tggggatgcc ttcccagaat tcatttgatg gggatccctg   420
gcataactgc ttgggaacac agaaagaggc tgtgacacag ctgagctttt ggagcatttt   480
aaggagctcc agctccagca aaacaaactc ttgcatttca gcccagaaag agcctcttgt   540
aacaaagtat tccaaagggg agagtttctg catcttttac tttgcagtcc actatggtag   600
aaaacttgac attccataga taatgatact gggttttctt tccaagatgc cagctttaaa   660
agaaatatga gccattctaa gctttaagaa gggttcagga aacacaggaa ttagtagaca   720
gccctcccaa tgcaggttaa gacgacagcc tgcgcccca actagcacag ctcagcgagc   780
atgaccatat gccattctcg tctccagaga gctggtggca gtgacctcac taggagaaaa   840
cacatccctc agccgtggga cttgacagaa tgaggtgcgc gagggaggcc gctagccgag   900
acttggcctt tcctgactgc ccctgtgtta cctgggcagc tccagatcac tgagcccaca   960
atggctgaga agggtgactg catcgccagt gtctatgggt atgacctcgg tgggcgcttt   1020
gttgacttcc aacccctggg cttcggtgtc aatggtttgg tgctgtcggc cgtggacagc   1080
cgggcctgcc ggaaggtcgc tgtgaagaag attgccctga gcgatgcccg cagcatgaag   1140
cacgcgctcc gagagatcaa gatcattcgg cgcctggacc acgacaacat cgtcaaagtg   1200
tacgaggtgc tcggtcccaa gggcactgac ctgcagggtg agctgttcaa gttcagcgtg   1260
gcgtacatcg tccaggagta catggagacc gacctggcac gcctgctgga gcagggcacg   1320
ctggcagaag agcatgccaa gctgttcatg taccagctgc tccgcgggct caagtacatc   1380
cactccgcca acgtgctgca cagggacctg aagcccgcca acatcttcat cagcacagag   1440
gacctcgtgc tcaagattgg ggatttcggg ttggcaagga tcgttgatca gcattactcc   1500
caacaagggt tatctgtcag aagggttggt aacaaagtgg taccgttccc cacgactgct   1560
cctttccccc aataactaca ccaaagccat cgacatgtgg gccgccggct gcatcctggc   1620
tgagatgctt acgggggagaa tgctctttgc tggggcccat gagctggagc agatgcaact   1680
catcctggag accatccctg taatccggga ggaagacaag gacgagctgc tcagggtgat   1740
gccttccttt gtcagcagca cctgggaggt gaagaggcct ctgcgcaagc tgctccctga   1800
agtgaacagt gaagccatcg actttctgga aagatcctg acctttaacc ccatggatcg   1860
cctaacagct gagatggggc tgcaacaccc ctacatgagc ccatactcgt gccctgagga   1920
cgagcccacc tcacaacacc ccttccgcat tgaggatgag atcgacgaca tcgtgctgat   1980
ggccgctaac cagagccagc tgtccaactg ggacacgtgc agttccaggt accctgtgag   2040
cctgtcgtcg gacctggagt ggcggcctga ccggtgccag gacgccagcg aggtacagcg   2100

```
cgacccgcgc gcgggttcgg cgccactggc tgagaacgtg caggtggacc cgcgcaagga    2160
ctcgcacagc agctccgcct cgtgccaagc tggtcgtaat ggtgtcagtc ggtatcagtn    2220
tnntctcccc t                                                         2231
```

<210> 9110
<211> 997
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (273)...(997)
<223> similar to gi4062616 in the genepept database release 114,
  Run with FASTXY 3.3t00, default parameters

```
      <400> 9110
tgtgaccggc cgaattccag gcgaccacgc gccggggcgg cagccgggga gacacttggg    60
cccccctggc catggcggcg aaggtggacc tgagcacctc caccgactgg aaggaggcga   120
aatcctttct gaagggcctg agtgacaagc agcgggagga acattacttc tgcaaggact   180
ttgtcaggct gaagaagatc ccgacatgga aggagatggc gaaaggggtg gctgtgaagg   240
tggaggagcc caggtataaa aaggacaagc agctcaatga gaaaatctcc ctgctccgca   300
gcgacatcac caagctggag gtggacgcca tcgtcaacgc cgccaacagc tccctgctcg   360
gaggcggtgg cgtggacggc tgcattcatc gggccgccgg ccccctgctt accgacgagt   420
gccggaccct gcagagctgt aagactggca aggccaagat caccggcggc tatcggctcc   480
cggccaagta cgtcatccac acagtggggc cctctcgcat acggggagcc cagacgccag   540
ccagtgctgc cgacgtccgc agctgctacc tgagcagtct ggacctgctg ctgcgattga   600
cgcgtccgct tcggtgggcg ttcccctgca tctccaccgg cgtgtttggg ttacccctgt   660
gtagcggccg ccgagatcgt gctggccacg cttgcggaga gtggcttggg agcagcacaa   720
gggacaaggt gggaccggct tgattcatct tgcgtgttcc tcgagaagga cgaggacatc   780
taccggagcc ggctcccccca ctacttcccc gtggcctgag gctcccgcag cccaccctga   840
ccgggactga cccgccttcg ggaccccgct cccagctctg agaggtcgcc aaagcctgca   900
gcctggcctg ggcctggcca cccccttcttt ccctccgcgc cccgcccccg aggagcctaa   960
taaagatctc gttgtggcaa aaaaaaacct cgtgccg                            997
```

<210> 9111
<211> 869
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (137)...(870)
<223> similar to gi3659883 in the genepept database release 114,
  Run with FASTXY 3.3t00, default parameters

```
      <400> 9111
cgcacacccc ctttgccttt agcattttcc tcctctcctc taattgcgtg gcgtccccag      60
atgaatggtg ctggaaggaa accctgaagt ggggtccccc cgaacctcag acctccagca     120
ccggggggaac aagggctctt gcgttctctc ctctcccggt gaagatgcgc accaggcgag    180
gagcccatca agtatggtga actcatcgtc ctgggctaca atggttgtct ggcaagtggg     240
gacaagggcc gccgcgaacg cctggcactg agccgccggt cgcacgccaa cggggtgaag     300
ccagacgtca tgcaccacat ctccacgccg ctcgtctcca aggcactgag taaccgtggt     360
cagcacagca tctcgtatac actgtcccgg agccactcgg tcatagtgga gtatacacat     420
gatagcgaca cagacatgtt ccagatgggc cgctccacag agaacatgat tgacttcgtg     480
gtatcagaca cgtcccctgg aggaggggct gccgagggcc cttctgccca gagcaccatc     540
tcccgctatg cctgccgcat cctctgtgac cgccggccac cctatactgc ccgcatctat     600
gccgctggct tcgatgcctc tagcaacatc ttccttggag agcgagcggc caaatggcgg     660
accccaaatg gcctgatgga tggactgacc accaatggag tcctggtgat gcacccggca     720
ggcggcttct ccgaggactc agccccgggt gtctggcggg agatctcggt ctgtgggaat     780
gtgtacacat tgcgggacag ccgctcagcc cagcagcggg gcaagctggt ggaaaacgag     840
tccaacgtgc tgcaggacgg ctctctcat                                       869


      <210> 9112
      <211> 2081
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (49)...(2082)
      <223> similar to gi4455118 in the genepept database release 114,
          Run with FASTXY 3.3t00, default parameters


      <400> 9112
tttcgtgcgg ctgcggcggc ggcgggaccc ccaggcctcc tccggggtat gaaaatcggc      60
agtgggttcc tgagtggcgg cggaggtacc ggcagtagcg gtggtagcgg ctccggcggc     120
ggtggtagtg gcggcggcgg cggcggcggc agcagcggca ggagggcaga gatggaaccc     180
acctttcccc agggtatggt tatgttcaac caccgtcttc ccccggtcac cagcttcacc     240
cggccggcgg ggtcggccgc ccctcccccg caatgcgtgt tatcctcctc tacctccgca     300
gccccggccg ctgagccccc ccctccgcca gccccggaca tgactttcaa gaaggagccg     360
gcggcgtcag ccgcggcctt cccctcgcag aggacctcct ggggggttctt gcagtctttg     420
gttagcatca aacaggagaa acccgcggat cctgaggagc agcagtccca ccaccaccat     480
caccaccacc actatggggg gctgttcgct ggagctgaag agaggtctcc aggcctagga     540
ggcggtgaag ggggggagtca cggcgtcatc caggacctca gtattctcca ccagcatgtc     600
cagcagcaac cagcccagca ccaccgtgac gtattactca gcagcagtag caggactgat     660
gaccaccatg gcactgagga gccaaagcag gacactaatg tcaaaaaggc aaaaaggcca     720
aagccagaat ctcaggaat caaagccaag aggaagccaa agtgcatctt ccaaaccgtt      780
ctttggttgg agatggagaa ggtgccatcc tctccccaag tcagaaacct catatctgtg     840
atcactgtag tgctgctttc cgaagctcct atcacctgcg gagacatgtc ctcattcata     900
caggagaaag acctttccag tgcagccagt gtagtatggg tttcattcag aaatacctac     960
ctacagagac atgagaaaat tcatagtaga gagaagccat ttggatgtga tcagtgcagc    1020
atgaagttta ttcagaagta ccatatggag agacacaaga ggacacatag tggagaaaag    1080
ccatataagt gtgacacttg ccaacagtat ttttcaagga ctgatagatt gttgaagcac    1140
```

7555

```
aggcgcacat gtggtgaagt catagttaaa ggagccacta gtgcagaacc tgggtcatca   1200
aaccatacca atatgggtaa tctggctgtg ttgtctcagg gaaatacaag ttcttcaagg   1260
agaaaaacaa agtcaaaaag catagctatt gaaataagg aacagaagac cggtaaaaca   1320
aatgaatcgc aaatttcaaa taatataaac atgcagagtt actcagtaga aatgcctacc   1380
gtgtcttcca gtggaggcat aattggcact ggaatagatg aactgcagaa gagggtgcca   1440
aaaattgatct ttaagaaagg aagcagaaag aatacagata aaaactacct taactttgtg   1500
tcaccattac cagacatagt aggacagaaa tccttgtctg gaaaaccaag tggctcactt   1560
ggcatagtat caaataatag tgtggagacc attggtcttc tccaaagtac aagtggcaaa   1620
caaggtcaga taagtagtaa ttatgatgat gccatgcagt tttcaaagaa aagaagatat   1680
ttaccaactg ccagcagcaa cagtgccttt tctataaacg taggacacat ggtctcccaa   1740
cagtctgtca ttcagtctgc aggtgtcagt gttttggaca atgaggcacc attgtcactt   1800
attgactcct cagctctaaa tgctgaaatt aaatcttgtc atgacaagtc tggaattcct   1860
gatgaggttt tacaaagtat tttggatcaa tactccaaca aatcagaaag ccagaaagag   1920
gatcctttca atattgcaga accacgagtg gatttacaca cctcaggaga aacactcaga   1980
attggttcaa gaagaaaatt tgagcccagg cacccaaaca cctttcaaat gataaaggca   2040
agtatgttgc aagaatactc caaatacctc caacaggctt t                        2081
```

<210> 9113
<211> 484
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (196)...(469)
<223> similar to gi8063 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9113
```
gcggccgccg gcccgcaatg gtgctaccct ggttgctgct cgagactgcg cgcagggcgg     60
tcctcgggtc cgcggaggct gcgctctgcg ccatgaaaat gacagatgaa aatagaaaag    120
tgtggctggt ctgaaggttt gacgtcaata aagggaaact gccacaattt ttatactgct    180
atttctaaag atgtcactta taggaactt aaaaacctgt tgaattctaa aaatattatg    240
ttaattgatg ttagagagat atgggaaatt ctggagtatc aaaaaatccc tgagtctatc    300
aatgtaccat tggatgaagt aggtgaagct ctacagatga atccaagaga cttcaaagag    360
aagtacaatg aagtaaaacc atccaaatct gacagctagt gttttcttat ttagccggag    420
tgagaagcaa gaaggccctg gacacagcaa tatctctggg ctttcacagt tactatgaga    480
ggtg                                                                  484
```

<210> 9114
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```
<222>  (147)...(438)
<223>  similar to gi5748553 in the genepept database release 114,
       Run with FASTXY 3.3t00, default parameters




       <400>  9114
gaagagcagt cccaactgct ttccgaggat accgttgttg ccgagattgc caaattgctt      60
tggaggtttt aactgaatct aagaaaagtc caaaatagat ttgagactgt aaaaacagaa     120
actgcaacat gggggattca gtgccaatgc atcaacaaaa aagacaacca cagttagtgg     180
aaggaaatct tcctgttttc gtgttcccca cggagctcat attttatgca tatgatcagt     240
caacacataa gcaagtgttg acactgtaca atccctatga gtttgcctta aagttcaaag     300
ggtgattcgt catcgagatg ttcgatcctg tcactatggt gtaatagaca aattccgtct     360
ccaagttttc gagcaaagcc aaaggaaggc ttttggaaga aaagaaggtg gtgctactct     420
ttttcccttta acaaaaaga                                                 439




       <210>  9115
       <211>  406
       <212>  DNA
       <213>  Homo sapiens

       <220>
       <221>  misc_feature
       <222>  (114)...(408)
       <223>  similar to gi1335198 in the genepept database release 114,
              Run with FASTXY 3.3t00, default parameters




       <400>  9115
agaaaaaaaa caactaaagg ctaatatgcc tgataaacct aaatgcaaaa gtcctcaaaa      60
aaaacactgg caaatcaaat ctaacagcac atttttaaca tcattcatct ttagcaagtg     120
gtattcatct cagggatgca aggagagtca aacatacaca aatctataaa tgttgtaaaa     180
cacatcaacg gaatgaagga aaaaaaatga ccatctcatt agaggcagaa aaaagcattt     240
gacaaaatcc aatattcttt catagtaaaa ctcccaacaa atttggtaca gaaggaacgc     300
acctcaacac gataaaggtc atatatgaaa aacccacagc tgacatactc aacaaggaaa     360
gttgaaagct tttcctttaa gatccagaac aagacaaatg tgccca                    406




       <210>  9116
       <211>  1052
       <212>  DNA
       <213>  Homo sapiens

       <220>
       <221>  misc_feature
       <222>  (282)...(1053)
       <223>  similar to gi4884079 in the genepept database release 114,
```

```
        <400> 9116
ggggcctcc cgaagaaaag ggagccgcgc agcgcctacg ggagtccggc ggcagcagcc    60
ggtaccggca accacgggca gctctcaggg aatctccgtc gtgaggccag aggctccagt   120
ccccgcgagt ccagatgcct gtccagcctc caagcaaaga cacagaagag atggaagcag   180
agggtgattc tgctgctgag atgaatgggg aggaggaaga gagtgaggag gagcggagcg   240
gcagccagac agagtcagaa gaggagagct ccgagatgga tgatgaggac tatgagcgac   300
gccgcagcga gtgtgtcagt gagatgctgg acctagagaa gcagttctcg gagctaaagg   360
agaagttgtt cagggaacga ctgagtcagc tgcggttgcg gctggaggaa gtgggggctg   420
agagagcccc tgaatacacg gagccccttg ggggctgca gcggagcctc aagattcgca    480
ttcaggtggc agggatctac aagggcttct gtctggatgt gatcaggaat aagtacgaat   540
gtgagctgca gggagccaaa cagcacctgg agagtgagaa gctgctgctc tatgacacgc   600
tgcagggga gctgcaggag cggatccaga ggctggagga ggaccgccag agcctggacc    660
tcagctctga atggtgggac gacaaactgc acgccagagg cagctccagg tcttgggact   720
ccctgccgcc cagcaagagg aagaaggcac ctctggtttc tggcccatac atcgtgtaca   780
tgcttcaaga gatcgacatc ctggaggact ggacagccat caaaaaggct agggcagctg   840
tgtcccctca gaagagaaaa tcggatggac cttgaccctg ctgttcacag ccaggggac   900
cctcagagca gctggcactg cacccaggat tctcgtcttc ctcctgcaga caggcggacc   960
cacaggcccc tcaggtctg cccagccagg ctcctgtggt gctgctgggc cctcccactc  1020
catctggcac tggtctggac tcctcctctg cc                              1052
```


```
        <210> 9117
        <211> 956
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (64)...(737)
        <223> similar to gi3874230 in the genepept database release 114,
          Run with FASTXY 3.3t00, default parameters
```


```
        <400> 9117
cccacgcgtc cgcttttttc cccaggcttg ccatggctag acgaggggct cggcagcgcc    60
tgaagggcag cggggccagc agtggggata cggccccggc tgcggacaag ctgcgggagc   120
tgctgggcag ccgagaggcg ggcggcgcgg agcaccggac cgagttatct gggaacaaag   180
caggacaagt ctgggcacct gaaggatcta ctgctttcaa gtgtctgctt tcagcaaggt   240
tatgtgctgc tctcctgagc aacatctctg actgtgatga aacattcaac tactgggagc   300
caacacacta cctcatctat ggggaagggt ttcagacttg ggaatattcc ccagcatatg   360
ccattcgctc ctatgcttac ctgttgcttc atgcctggcc agctgcattt catgcaagaa   420
ttctacaaac taataagatt cttgtgtttt acttttgcg atgtcttctg gcttttgtga   480
gctgtatttg tgaactttac ttttacaagg ctgtgtgcaa gaagtttggg ttgcacgtga   540
gtcgaatgat gctagccttc ttggttctca gcactggcat gttttgctca tcatcagcat   600
tccttcctag tagcttctgt atgtacacta cgttgatagc catgactgga tggtatatgg   660
acaagacttc cattgctgtg ctgggagtag cagctggggc tatcttaggc tggccattca   720
gtgcagctct tgggtaagaa actaacagtt ctcctcccat atatcgctgg gcatatagta   780
```

```
aatcttaatg ttggattagc tccatattgt ctgcatagaa tctgaagtta atcaattggg    840
ctttcaaaga ttctgggaaa tggaagaata tttctcttag cacttactat tatgattaat    900
tctaataaga ataatgacca ttgagcatct gctatgtgtt aggcacagtg aaaccc        956
```

<210> 9118
<211> 2382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1889)...(478)
<223> similar to gi37330 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9118
```
tttttttttt ttcatttcaa caggaaacat ttatttcaaa acatgaaggt ggttatcctt     60
ccatgagttt gaagtacaaa ggcaggctca cggtgtcgtc agaattcaga acgatggtcg    120
tggggctggg ggtgctggga ggggctgggc atggttggct ttgtgatctg gggtctggtg    180
tgttccatct ctgaatctct ctcgagctgc actctttctt aatacatttt cataagttta    240
accaaaaata aaacgaggat gcgaagcttg cttgggttgt taagcctagg gaaattatcc    300
agccatgagc cctggcccag atgcttctag aagcctggag ggaactgaga actttccaag    360
tggagggccg cagaggcaag gccctgaggt gggagcacac ggctgttcgt ccctagctct    420
gaaggggggtg ccctggtcgg aatcagtgct gggtgcagcg aaagccgatc tcacccgctc    480
cgcagggtgt tcagcctgcc agcaggggggc cagctggtcc tcctgggata tggcacggac    540
ccagcagctc tgtctgaaat cataatggcg gaaccaaggg ccctctacgt ccaggtccgt    600
tgcgaggcgg ggccatggag ttccactgca ggaatctcca ggaaccctga ggtcctccct    660
gagccagggc cgggctgggc acaccctgag tgcccacagg gtaggtgtct ccccggacag    720
ccccaccagg acagggtgtg gaagaacgag gtgcccgtgg cggggaagct gaccaaatgg    780
gccgcgggaa ccgggctggt gggcctggag gggcctgcct gtccccccttg cagagggtct    840
tcccgccacg tgaagccggc acaggcctgg atgccgacga cccttgctcg ggtttggctg    900
ggggttgcag gtcccccctgc tttcttgtta gtttcttcat agaggcccta agatgcttga    960
gcacagtgtc ctcatccctg gcccaggtat caacgaaccg gttgcaaaaa cgtgcccacg   1020
ggccacacct ggacgtcttc gtgaggcgct tctgctgaac cttaaaggcg attcttgtta   1080
tcggcatcaa cgcctgttcg ccttctacca gatacacgtc ccacaggcgc agggtgagcc   1140
cgagagagat cccgtcaatc aatatccgga tgaggcagcc taacggggaa cactgcccac   1200
atagatcttt cttgtcctga tgccccatgg tcttgggttg tgacgtggct accacatgct   1260
cctgttggtc ttggagcccc tggacggtcc cgccatttgg gctgtgaaat ccctgcaggg   1320
agtgcctctc actggccagc agctgcacca gtgcccagaa tgcatcctcc tcaggaagat   1380
agaggaggaa caaggcggcg atgtggctca ggtccctgca gtagcccacc tccgggttat   1440
actcctcata tgccaggagg atgtggagta gttcccgctg cttggttccg tatcgatccc   1500
tgaagaatat atgcttcctt aatgtcccgc ttacgtcccg gtcgatgcgc tggatgtgct   1560
cagatgacct cttgcccttc tccttcatga tctggtatct tccggggttt ttcaacttca   1620
tttcctcagt gttcaggagg actgaccaca tcgggccccg gatgttcatg ggcattccct   1680
tgtacgctcg atctatgagc tttctgctgc ttttgtattt ctcccagtct cccagcatat   1740
ccacccactt gctctttcgg ctgatctccc gccgaatttg cttcgcctcc cgcgcagtca   1800
gaggaggcag ctccgtctca ctgtaaggca acccaggcag agctgaggaa ctgcacgggg   1860
cctggagcgg ccccagcctg ggtgccgacc cccagaaagg actggctctg tcccttttcca   1920
gctcagggct cagcccagga gaaggcacag ggaagggagg acaagggcct tcctgtgggg   1980
ctgactccca ggagcggcag gacctgggag aagaaggagt gtagggacag cctggccggg   2040
```

                              7559

```
gttactgggg cccctggcgt gggggcggt caggctgccc aatggggctg cccgtcctgg    2100
actcgaggtg gtgctttctg ctggagctga gaaaggttag ccctgagatg ggatgggggc    2160
cgcccagggt gggcgaccgg gccctgacag gagtccctca gggagtgacc acatcccccc    2220
gccagggtca agggagcctg ccctgagacc tgcccggtgt actctggctg caccaggggc    2280
ccaccccact tgacagcccc aaggcccttg caggttctga cctcccagca tccacctgcc    2340
tctccctgca cccgagccac acaccctgcg tttcagacga aa                       2382
```

```
<400> 9119
caggagaccg ccactcacgc ggagccaatc ggaactcgcg gcggggttgc tgggtcttcc      60
aggatcgcgc attagcggac gctggctacg ggtggccggg cgggatgtaa ccggctgctg     120
agctggcagt tctgtgtccc caggcttcgg cccggccgcc gccgcacata aactgcgagg     180
aggagcttta cgacttcccg gtcttcgggg ccgggcgcag caagggccag actctgcgct     240
agcaggcgct gcgcgccaac cggccggccc ctgtcgcaga aggtgcaacc gatcgcactg     300
tcgcgcagaa gctcctcaat ggccagcgcc agctgcagcc ccggctgccc actcgcctca     360
cctgagcctg ggtggaacaa tccaaagttt taatcaaaga aggtggtatt cagttgctgc     420
ttacaatagt tgataccccca ggatttggag atgcagtgga taatagtaat tgctggcagc     480
ctgttatcaa ttacattgat agtaaatttg aggactacct aaatgcagaa tcgcaagtga     540
acagatgtca gatgcctggt aacagggtgc actgttgttt atacttcatt gctccttcag     600
gacatggact aaaccattg gatattgagt ttacaaagca tttgcatgaa aaagtgaata     660
tcatcccact tattgccaaa gcagacacac tcatgccaga ggaatgccaa cagtttaaaa     720
aacagataaa gaaatccaag aacataaagt aaaatatat gaatttccag aaacagatga     780
tgaagaagaa aaaaaacttg ttaaaaagat aaaggaccat ttacctcttg ctgtggtggg     840
tagtaatact atcattgaag ttaatggcaa aagggtcata ggaaggcagt atccttggag     900
tgttgctgaa gttgaaaatg gtgaacattg tgattttaca gttttaagaa atatgttgat     960
aagaacacac gcaggacttg aaagatgtta ctaataatgt ccactacgag aactatggaa    1020
tcagaaaact ggcagctgtg acttatcatg gagttgataa caagaagaat aaagggcagc    1080
tcactaagag ccctctggca caaatggaag aagaagaag ggagcaagta gctaaaatta    1140
agaagatgga gatggagatg gagcaggtgt ttgagatgaa ggtcaaagaa aaagttcaaa    1200
aactgaagga ctctgaagct gagtctgcag aa                                  1232
```

<220>
<221> misc_feature
<222> (352)...(973)
<223> similar to gi854326 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

        <400> 9120
tttcgtgtgg cagggggctga ggcactgaga gaccggaaag cctggcattc cagagggagg   60
gaaacgcagc ggcatcccca ggctccagga tctgtcacaa ctcgagaggt ggaaattccg   120
gtttccctgg cctagagctc ccagtgctgg ctttggcatg atgggcacct ggagggccgc   180
actcccgttc cagccaggct gagccttctg tcccctgcct ctggggcctg ggaacccccc   240
ttcttctttc tcctgaatgg cacccccgcc ctagaatcca gacaccgagt ttcccactgt   300
ggctggttca agggtatgtg agagctccct ggtgacagtc tgtggctgag catggccctc   360
ccagccctgg gcctggaccc ctggagcctc ctgggccttt tcctcttcca actgcttcag   420
ctgctgctgc cgacgacgac cgcggggggga ggcgggcagg ggcccatgcc cagggtcaga   480
tactatgcag gggatgaacg tagggcactt agcttcttcc accagaaggg cctccaggat   540
tttgacactc tgctcctgag tggtgatgga aatactctct acgtgggggc tcgagaagcc   600
attctggcct tggatatcca ggatccaggg gtccccaggc taaagaacat gataccgtgg   660
ccagccagtg acagaaaaaa agagtgaatg tgcctttaag aagaagagca atgagacaca   720
gtgtttcaac ttcatccgtg tcctggtttc ttacaatgtc acccatctct acacctgcgg   780
caccttcgcc ttcagccctg cttgtacctt cattgaactt caagattcct acctgttgcc   840
catctcggag gacaaggtca tggagggaaa aggccaaagc cccttttgacc ccgctcacaa   900
gcatacggct gtcttggtgg atgggatgct ctattctggt actatgaaca acttcctggg   960
cagtgagccc a   971

        <210> 9121
        <211> 726
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (472)...(642)
        <223> similar to gi331007 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters

        <400> 9121
agaacacctg tgctgggagg caccicacgg aggggacact ccgctggagg acacctgcac   60
cttggaggac acctgcacct tgaaagcttc ctaaaggcca ggaaggacgc ttgtgcccag   120
aaggacacct gctccgacga gggacacctg gtccgagggg ggacacctgt gccaggaagg   180
acaactgcgc ctggggggggg acaccgtcaa gaggacacct gcaccaggaa gtacacttgt   240
gcctgggagg gacacctgtg cttgagggga cacctgcacc ttggagaact cctgcgccga   300
ggggacacct gcgccaggaa ggacacttgt gcctggaggg acatctgccc caaggaggga   360
cacctgctcc gagggggggac acctgtgcca ggaaggacac cagcgcctgg ggcgtggggg   420
aagacactgt taaggggaca cctgcaccag gaaggacctt gtgcctgtgg ggacacatgt   480
gccaagggga cacctacgcc tggggggggac acatgtgccg gggaggacac ctgcgccgag   540
gacactcgca cgagcgggat actccacggg gtccggaacg gcctccccgc cctccaggtc   600

                                    7561

```
ccggtccggc ctccccctac gcgcccccgc ggaagccaga gacagggaga gcaaggatga    660
aagacggcga ccaccgccca aggacccgcc ggccgtcagg acctgccacc gactcaccct    720
ctacgg                                                                726
```

<210> 9122
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(777)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (281)...(777)
<223> similar to gi5689485 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9122
```
tttcgttgcg agtgtcgctg ctgaaggctg tggtggaccg ggctggatcg cggattctga     60
gctacattgc gggtttgggg gtggatcttg gatttggggg tggatcgcgg gttgcggggg    120
ggatcgcgga tttggggcgg agtgggggtg gaaaggccac gaggagccgc cgcggctcan    180
ggagcgggtg gtgggcgtct gagaagtcgc caccatgagg aagctcttca gcttcgggag    240
acgcctgggc caggcgctcc tggactccat ggaccaagag tatgcgggtc ggggtacca    300
catccgggac tgggaactgc ggaagatcca cagggctgcc atcaagggcg acgccgcgga    360
ggtggagcac tgcctgacgc gcaggttccg ggacttggac gcccgcgaca gaaaagacag    420
gactgttcta catttgacct gtgcccatgg ccgtgtggaa gtggtcaccc tcttgctgag    480
cagaagatgc cagatcaaca tatatgatag actaaacagg acacctttaa tgaaggctgt    540
acactgccag gaagaggctt gtgcattatt ctcctggaac atggcgccaa tccaaacatt    600
aaggatatct acagcaacac tgctctccat tatgctgtgt ataataaggg gacttcactg    660
gcagaaaaac tgctttccca ccatgcaaat attgaagcac taaacgaggn gggaaacact    720
ccactttttgt ttgctaaaaa ttctaggaga cagcaaattg tggattttct gttgaa      776
```

<210> 9123
<211> 2540
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (236)...(2541)
<223> similar to gi2094873 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9123
```
tttcgtggcg cgggagccga gaggtggcgc gggggtgcca ccgttgccgc aggctggaga    60
gagattgctc ccagtgaggc gcgtaccgtc tgggcgaggg cttcattctt ccgcggcgtc   120
cctggaggac tggagactga tgcatgaggg ggctacggag gcgcaggagc ggtggtgatg   180
gtctgggaag cggagctgaa gtgccctggg ctttggtgag gcgtgacagt ttatcatgac   240
cgtgttcagg caggaaaacg tggatgatta ctacgacacc ggcgaggaac ttggcagtgg   300
acagtttgcg gttgtgaaga aatgccgtga gaaaagcacc ggcctccagt atgccgccaa   360
attcatcaag aaaaggagga ctaagtccag ccggcggggt gtgagccgcg aggacatcga   420
gcgggaggtc agcatcctga aggagatcca gcaccccaat gtcatcaccc tgcacgaggt   480
ctatgagaac aagacggacg tcatcctgat cttggaactc gttgcaggtg gcgagctgtt   540
tgacttctta gctgaaaagg aatctttaac tgaagaggaa gcaactgaat ttctcaaaca   600
aattcttaat ggtgtttact acctgcactc ccttcaaatc gcccactttg atcttaagcc   660
tgagaacata atgcttttgg atagaaatgt ccccaaacct cggatcaaga tcattgactt   720
tgggttggcc cataaaattg actttggaaa tgaatttaaa aacatatttg ggactccaga   780
gtttgtcgct cctgagatag tcaactatga acctcttggt cttgaggcag atatgtggag   840
tatcggggta ataacctata tcctcctaag tggggcctcc ccatttcttg gagacactaa   900
gcaagaaacg ttagcaaatg tatccgctgt caactacgaa tttgaggatg aatacttcag   960
taataccagt gccctagcca aagatttcat aagaagactt ctggtcaagg atccaaagaa  1020
gagaatgaca attcaagata gtttgcagca tccctggatc aagcctaaag atacacaaca  1080
ggcacttagt agaaaagcat cagcagtaaa catggagaaa ttcaagaagt ttgcagcccg  1140
gaaaaaatgg aaacaatccg ttcgcttgat atcactgtgc caaagattat ccaggtcatt  1200
cctgtccaga agtaacatga gtgttgccag aagcgatgat actctggatg aggaagactc  1260
ctttgtgatg aaagccatca tccatgccat caacgatgac aatgtcccag gcctgcagca  1320
ccttctgggc tcattatcca actatgatgt taaccaaccc aacaagcacg ggacacctcc  1380
attactcatt gctgctggct gtgggaatat tcaaatacta cagttgctca ttaaaagagg  1440
ctcgagaatc gatgtccagg ataagggcgg gtccaatgcc gtctactggg ctgctcggca  1500
tggccacgtc gataccttga aatttctcag tgagaacaaa tgccctttgg atgtgaaaga  1560
caagtctgga gagatggccc tccacgtggc agctcgctat ggccatgctg acgtggctca  1620
agttacttgt gcagcttcgg ctcaaatccc aatatccagg acaaggaaga agaaaccccc  1680
ctgcactgtg ctgcttggca cggctattac tctgtggcca aagccctttg tgaagccggc  1740
tgtaacgtga acatcaagaa ccgagaagga gagacgcccc tcctgacagc ctctgccagg  1800
ggctaccacg acatcgtgga gtgtctggcc gaacatggag ccgaccttaa tgcttgcgac  1860
aaggacggac acattgccct tcatctggct gtaagacggt gtcagatgga ggtaatcaag  1920
actctcctca gccaagggtg tttcgtcgat tatcaagaca ggcacggcaa tactcccctc  1980
catgtggcat gtaaagatgg caacatgcct atcgtggtgg ccctctgtga gcaaactgc  2040
aatttggaca tctccaacaa gtatgggcga acgcctctgc accttgcggc caacaacgga  2100
atcctagacg tggtccggta tctctgtctg atgggagcca gcgttgaggc gctgaccacg  2160
gacggaaaga cggcagaaga tcttgctaga tcggaacagc acgagcacgt agcaggtctc  2220
cttgcaagac ttcgaaagga tacgcaccga ggactcttca tccagcagct ccgacccaca  2280
cagaacctgc agccaagaat taagctcaag ctgtttggcc actcgggatc cgggaaaacc  2340
acccttgtag aatctctcaa gtgtgggctg ctgaggagct ttttcagaag gcgtcggccc  2400
agactgtctt ccaccaactc cagcaggttc ccaccttcac ccctggcttc taagcccaca  2460
gtctcagtga gcatcaacaa cctgtaccca ggctgcgaga cgtgagtgt gaggagccgc  2520
agcatgatgt tcgagccggg                                             2540
```

<210> 9124
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (417)...(757)
<223> similar to gi10963 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9124
aataattctc tgcctcagtg gttcaagttg cgtaaattat gcgtttacac ttttcttcgg   60
attactttta aaatgacaac cactatgttt tgctggtctc aattaccaga gaattggcaa   120
gaaacctgac agctggggct taggattccc tgcgccagac ctccgagcta caccagaggg   180
cgtactttcc ttactcggcc tcggccacat ccgggttcca ccgcagattc gggcagggag   240
cgggcggaac ctttctaccg cgtctctagc taacacgcac ggcggggaca gtttaggcct   300
ccgcgcaccg ttcgccggga gtcttgcagt ttgcttggtg cagggaaggc gggcgcggag   360
gttctatctg tttcttcctc cttcgtgagc agcatggacg tgctagcgga ggagtttggg   420
aacctgactc cggagcagct ggcggcgccg atcccgactg tagaggaaaa atggaggctg   480
cttccagcat ttttaaaggt gaaaggcctt gtgaaacagc atatagattc atttaactat   540
ttcattaatg tagagataaa gaagataatg aaagccaatg aaaaggttac aagtgacgct   600
gaccctatgt ggtacttaaa atatcttaat atctatgttg ggcttcctga tgttgaagaa   660
agcttcaatg taactagacc agtgtcccct tcatgagtgc cgtttgagag acatgacata   720
ctctgcccct attacagtgg atattgaata taccg   755

<210> 9125
<211> 1553
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (54)...(1553)
<223> similar to gi1752825 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9125
tttcgtgccg ccgccagtgc tgcgggctcc gggcaatgga tgcccccggg gccctggccc   60
agaccgccgc ccccggtccg ggcaggaagg agctgaagat cgtgatcgtg ggcgacggcg   120
gctgcggcaa gacctcgctg ctcatggtgt acagccaggg ctccttcccc gagcactacg   180
ccccatcggt gttcgagaag tacacggcca gcgtgaccgt tggcagcaag gaggtgaccc   240
tgaacctcta cgacacggcc gggcaagaag actatgaccg gctgcggccc ctgtcctacc   300
agaacaccca cctcgtgctc atctgctatg acgtcatgaa tcccaccagc tacgacaacg   360
tcctcatcaa gtggttccct gaggtcacgc atttctgccg cgggatcccc atggtgctca   420
tcggctgcaa gacagacctg aggaaggaca aggagcagct gcggaagctc cgggccgccc   480
agctggagcc catcacctac atgcagggcc tgagcgcctg cgaacagatc cgagctgctc   540
tctacctgga atgttccgcc aagtttcggg agaatgtgga ggacgtcttc cgggaggccg   600
ccaaggtggc tctcagcgct ctgaagaagg cgcaacggca gaagaagcgc cggctctgcc   660
tgctgctctg acccagggca gacagacctc acgacagcac tgacagggcc cgggggccca   720
ggtgccgatt gcaccaggga ggctgccca tcccgaccct ccagctcatg gtgtctgggg   780
cctgcggcta gactcttgga acattctgga actctctcct ttcctggctg gggctctgac   840

```
cacaaactcc cctccaggct gcccctggga catggtggtg atgtgggtgc aggagccagt    900
gtctgttgtc gggactcgca agtgccctca tcacagccac ccccaccacg agtgtctccc    960
cagtgcagac tcaagttatg cttgaaatga aaaagtctat ctggtagtgg gtaaacgtag   1020
acctggcact gttccacgcg ggcgccccaa gcctgccact cctgtgtccc tgcctccctg   1080
ggctcccgag ataggcacca ctgtatcctc cagctccttc cttccttccc ccaggaacac   1140
ggaggccacc gagggggctg ggcctatcag gaggacacag gctgcagcct ggcacccacc   1200
cctcccatct ccaccccaca tggaagactt gtcttcaact tggccactgt ctttgcagag   1260
ctgggcacat gtgcccaggg ggcagaaaaa atggcttctc agttgttaaa agtataccct   1320
ggaccaccca tctgaccatc tccttaaggt ttcacccaaa gcccccagtg tcagagactt   1380
gggatgggaa gaacagtcgg ctcccagtgt ggtcatgagc aagttttctg tggactgttc   1440
cccccactgt ggtaggacag gactggccca cttagtcctc aagctcccaa cctgctgtcc   1500
ctcaagcccc gcttctacca gcctgtggag ttcaggaggc gagacatcct ggg           1553
```

<210> 9126
<211> 1085
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (109)...(1086)
<223> similar to gi3851160 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9126
```
tttcgtgcgg cgcggatggg ccaggattgg gtcccttta ggtgccctgt aaggcaggca    60
ggtagacgta cgcgtcgctc cgtgcgtagg agcgcgcgca cggcttgtag accccgcgag   120
aaggaaggtc gagccaggtt accaccaaag aatatgattt tggtctaggg gctccagttt   180
ctgaagctga aaactaccag aatactctcc agctagaaca agaagtgaga aaccaagata   240
gattcatctc gacactgaaa ttacagattg aagatctcaa acagacaaat catggcttgg   300
aagaatatgt taggaaactc ttggatagta aggaggtggt aagcagtcaa gtagatgatt   360
taaccagcca caatgagcat cttttgtaaag aattgattaa aattgaccaa ctagcagagc   420
aactcgaaaa agagaaaaat tttgtggtgg attccgccaa caaggaactt gaagaagcca   480
agattgatct catttgccag caaaataata ttatagtatt ggaagataca ataaaaaggc   540
ttaaatctac ttgattcctt tgtcaagact ttggaagcag acaaagatca ctataagagt   600
gaagctcaac atttgagaaa gatgatgcga agtaggtcta aaagtccaag acgcccatca   660
ccaactgccc ggggtgcaaa ctgtgatgta gaactttga agacaacaac aagagatcgt   720
gaagaactta aatgcatgct ggaaaaatat gagcgccatt tggcagaaat tcagggtaat   780
gtcaaggttc ttaaatctga gagagacaag atcttccttc tttatgaaca ggcacaggaa   840
gaaattaccc gacttcgacg agaaatgatg aaaagctgta agagtcctaa atcaacaacg   900
gcacatgcta ttctccggcg agtggagact gaaagagatg tagcctttac tgatttacga   960
agaatgacca cagaacgaga tagtctaagg gagaggctaa agattgctca agagacagca   1020
tttaatgaga aggctcacct ggaacaaagg atagaggagc tggagtgtac agttcataat   1080
gtaaa                                                                1085
```

<210> 9127
```

<211> 556
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (81)...(544)
<223> similar to gi4220590 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


<400> 9127
```
tttcgtcgcg ggccgggcgg ggcgcggcgc ccagagctca gggggagaca aaggggaccg   60
gttcctctct aggcgccaag atgtggatac aggttcgcac cattgatggc tccaagacgt   120
gcaccattga ggacgtgtct cgcaaagcca cgattgagga gctgcgcgag cgggtgtggg   180
cgctgttcga cgtgcggccc gaatgccagc gcctcttcta ccggggcaag cagttggaaa   240
atggatatac cttatttgat tatgatgttg gactgaatga tataattcag ctgctagttc   300
gcccagaccc tgatcatctt cctggcacat ctacacagat tgaggctaaa ccctgttcta   360
atagtccacc taaagtaaag aaagctccga gggtaggacc ttccaatcag ccatctacat   420
cagctcgtgc ccgtcttatt gatcctggct ttggaatata taaggtaaat gaattggtgg   480
atgccaaaga tgtcggcctt ggtgcttggt ttgaagcaca catacatagt gttactagag   540
                                                                     556
cttctgatgg acaggg
```


<210> 9128
<211> 836
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (126)...(668)
<223> similar to gi1061424 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


<400> 9128
```
ttaattcccg ggtcgagccg ggacccccga gcgtgaaccc cggagccagc ggcgctgggg   60
ccagaggggc cggtcgggag gtggtggcgg aggcgaaggg gcgacgggac ctgggcctgg   120
cccgtgtgtg tcctcggcgg cctggcgccg gccgtcgctg tacggtgagc cccagggagg   180
cggatctggg ccccgagaag gacacccgcc tggatttgcc ccgtaggccc ggcccgggcc   240
cctcgggagc agaacagcct tggtgaggtg gacaggaggg gacttcgcga gcagacgcgc   300
gcgccagcga cagcagcccg ccccggcctc tcgggagccg tggggcagag gctgcggagc   360
cccaggaggg tctatcagcc acagtctctg caagtttcca agagcagcag aaaatgaaca   420
cattgcaggg gccagtgtca ttcaaagatg tggctgtgga tttcacccag gaggagtggc   480
agcaactgga ccctgatgag aagatagcat acgggatgt gatgttggag aactacagcc   540
atctagtttc tgtggggtat gattatcacc aagccaaaca tcatcatgga gtggaggtga   600
aggaagtgga gcagggagag gagccgtgga taatggaagg tgaatttcca tgtcaacata   660
gtccaggtaa gttagtagat tatcacatgt taaaaaacac tcatccccga cctttgggag   720
tgactaaaga gttgtttata tgtactcggt accctcagta acacctccca acccccaaat   780
```

<210> 9129
<211> 374
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (35)...(377)
<223> similar to gi930123 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9129
```
gcgtttgggt tccggtctcc gcttctccag tggccccggt ggctccaccg cagcgtctgg   60
cgcgctggga cctgcacagg ccggagagag ccgtaggcag gaccccggga caccctggaa   120
gccaggaaat ggactcagtg gcctctgagg atgtggctgt gaacttcaca cttgaggagt   180
gggctttgct ggatccttcc cagaagaaac tctacagaga tgtgatgcgg gaaacctta   240
aaaacctggc ctgtgtagga aaaaaatggg aagaccagag cattgaagat tggtacaaaa   300
atcaggggag aattttaaga aatcatatgg aagagggact cagtgaaagt aaagaatatg   360
                                                                     374
atcaatgtgg agag
```

<210> 9130
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (193)...(426)
<223> similar to gi2065210 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9130
```
gggtcgaccc acgcgtccgc tagaagtgaa actgatagga agcctactgc attcctactt   60
aatttataca aacagaaaac ttctaggtca aatagacaaa agactaattt gaattataaa   120
aatagggaat catggcccct caatcaattt ccagacttga gccagtttat agacccagaa   180
cccttcaat gaaggggagg ctgggtcccc ttgaggaagt actactttat tgacaattta   240
tgcagtgaat ctttacctca tccttcccca aggagaccta gggcctttta ccaggataac   300
tgtgcactgg gaagaggggga atgatcagac actttgggga ctactggaca ctggctttga   360
gctgacgttg attccagggg acccaaaaca tcattgttgt cctccagtta aagtaggagc   420
                                                                     433
ttatgtacga gct
```

<210> 9131
<211> 856
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (237)...(858)
<223> similar to gi4426613 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


<400> 9131
cggggctctg cgctagcgat ggacgactga agggacgggc aggtgtgggc gcggggccag      60
gcagcccgac ggcgggagtc gcaggtgctg ggtgcatggg ccagtgagga cgcacagaga     120
tccctcgccg cgcggaggag gagcagcgcg ggagccaggc gctgccccaa gaccctgcct     180
gcgtccgagc gagcggaacc tcgcgcttcg cccggggaca atccgaagtc cgcgctatgg     240
aagaggagaa atatttgcct gagctgatgg cagagaaaga tagcctggat ccatcttttg     300
tgcatgcgtc gcgccttttg gcagaagaaa ttgaaaagtt tcaaggttct gatggaaaaa     360
aggaagacga agaaaagaag tatcttgatg tcatcagcaa caaaaacata aagctctcag     420
aaagagtact gattcctgtc aagcaatatc caaagttcaa ttttgtgggg aaattgcttg     480
gaccaagagg aaactccttg aagaggctac aggaagaaac aggtgctaaa atgtctatcc     540
tgggcaaagg atcaatgaga gataaagcta aggaagaaga actaaggaag agtggggaag     600
ccaaatatgc ccacttgagt gatgagcttc atgtattaat tgaagtgttt gctccacctg     660
gggaagctta ttcacgtatg agtcatgcat tggaagagat taaaaaattc ctggttcctg     720
actacaatga tgaaattcgt caggaacaac tacgtgaatt atcttactta aatggctcaa     780
aggactctgg tcgtgcagag gtattaaagg cagagggatc agaatagctc ccacagctcc     840
ttcaagggcg cggggg                                                     856


<210> 9132
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (138)...(430)
<223> similar to gi3873871 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


<400> 9132
gcgcgcgcgt cgggaagatg gcgctacgtc tgctgcggag ggcggcgcgc ggagctgcgg      60
cggcggcgct gctgaggctg aaagcgtctc tagcagctga tatccccaga cttggatata     120
gttcctcatc ccatcacaag tacatccccc ggagggcagt gctttatgta cctggaaatg     180

7568

```
atgaaaagaa aataaagaag attccatccc tgaatgtaga ttgtgcagtg ctcgactgtg    240
aggatggagt ggctgcaaac aaaaagaatg aagctcgact gagaattgta aaaactcttg    300
aagacattga tctgggccct actgaaaaat gtgtgagagt caactcagtt tccagtggtc    360
tggcggaaga agacctagag acccttttgc aatcccggat ccttccttcc agccttgatg    420
ctaccaaagg ggggaaagtc ctgaagaaat ccagtggttt gcaaa                    465
```

          <210> 9133
          <211> 719
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (206)...(720)
          <223> similar to gi4323152 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters

          <400> 9133
```
cccacgcgtc cgaattttta aaaaaatat tactattttt tttcatcaga gccattgcac    60
tggaaaataa ttttttattt tcatgatagc ctaccgttga atttaccgtt ctgatattaa    120
tgaaacatct ctataaaggg ttgaagtgtc ttcccgcaac aattgctaag gaacagaatt    180
gtcaatttat taatgaaata tgacgtgtgt tgaacaagac aagctgggtc aagcatttga    240
agatgctttt gaggttctga ggcaacattc aactggagat cttcagtact cgccagatta    300
cagaaattac ctggctttaa tcaaccatcg tcctcatgtc aaaggaaatt ccagctgcta    360
tggagtgttg cctacagagg agcctgtcta taattggaga acggtaattg ttggagtgca    420
gtggtgcgat tatagctcac tgaagcttca aattcctggg gtcaagggat cctcctgcct    480
cagcttccca agtagctggg actatagaca tgtgccacca ggcctgggaa cagtgctgcg    540
gacttctatt ttgaaggaaa tattcatcaa tctctgcaga acataactga aaaccagctg    600
gtacaaccca ctcttttttcc agcaaaaggg gggggaaaag gcaggaagaa gctccgactg    660
tttgaatacc ttcacgaatc cctgtataat cccgaaatgg catcttgtat tcagtgggg    719
```

          <210> 9134
          <211> 627
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (1)...(628)
          <223> n = a,t,c or g

          <220>
          <221> misc_feature
          <222> (170)...(622)
          <223> similar to gi2072294 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters

<400> 9134
```
tttcgtcgga cggagtcttg ttcttgtcca ggctggagtg cagtggcatg atctcgactc     60
actgcaacct cagtcctccg ggttcaagtg attcttctgc ctcacctcc  tgagtagctg    120
ggattacaga caccatgcca caaggagagt gatctcttcc cctgtttca  caatggagga    180
ctccggaaag actttcagct ccgaggagga agaagctaac tattggaaag atctggcgat    240
gacctacaaa cagagggcag aaaatacgca agaggaactc cgagaattcc aggagggaag    300
ccgagaatat gaagctgaat tggagacgca gctgcaacaa attgaaacca ggaacagaga    360
cctcctgtcc gaaaataacc gccttcgcat ggagctggaa accatcaagg agaagtttga    420
agtgcagcac tctgaaggct accggcagat ctcagccttg gaggatgacc tcgcgcagac    480
caaagccatt aaagaccaat tgcagaaata catcagagag ctggagcaag caaatgacga    540
cctggaaaga gccaagcgcg ccacggatca tggtctctcg aagactttg  agccagcgct    600
tggantcagg ccatcgaaaa gaaatgg                                        627
```

<210> 9135
<211> 727
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (244)...(727)
<223> similar to gi2145054 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9135
```
aagttttta ctgccctgcc tcaggcctct ctcaaaggtc tggcccatga tatttggtgt     60
acattgggac cccagcgccc agatatttga aacggggtgg ggagcgggtg ttgagctgct    120
acatttccag gttctaggta ccctgggga  cccctggtcg ttgacggaag cacagcgttc    180
aagggcggca gagctcaggt actggaggac acatgggccg cgccgggtct agccgcggga    240
catccccaga ccccagcacg gcctcccagg ccgaccttcc agaagccggc ccactgcctt    300
ccccgggtcc cagcccagaa aagcggagac cttcccctcc gtttggaaga tggactcatc    360
ccctacttcc tcctggctcc ccagaagacc tggagacctc gggaagtgtt ctcatctatg    420
ttcgctccaa cccggggggct caggcccacc tcgatcccgc cttcccggga ggtccaggaa    480
ggtcccgccg cacccacccc gttggcctca ccctggctcg ggcccctta  tcatcctgca    540
gctacgctcc gaccaggagg cacagccagt ccccacagcc ggctctaccg ctctgctcgc    600
aggtttgggc tagtctgggg cggggacttg ggagcgccta aaacttgcga ggagggcggg    660
gccgcagacc ggtcctttaa aggttggaag tggaattcca ccgctctggg ctaatggtca    720
acgaaaa                                                             727
```

<210> 9136
<211> 1790
<212> DNA

7570

<400> 9136
```
cgggacccga ctcaggtgaa ggtctggtcc ccgtagttgg agcagtgggc ggccaagccg      60
ggtctcttaa catcttgtcg aatctgtgga agggccggga gcgatctttt gggtagcccg     120
gcggccccgg gcggcgacga tcgatgctat agaagacaaa caagggaagg ttttttttcc     180
ttttgcatca tggctcaatt tggaggacag aagaatccgc catgggctac tcagtttaca     240
gccactgcag tatcacagcc agctgcactg ggtgttcaac agccatcact ccttggagca     300
tctcctacca tttatacaca gcaaactgca ttggcagcag caggccttac cacacaaact     360
ccagcaaact atcagttaac acaaactgct gcattgcagc aacaagccgc agctgcagca     420
gctgcattac aacagcaata ttcacaacct cagcaggccc tgtatagtgt gcaacaacag     480
ttacagcaac cccagcaaac cctcttaaca cagccagctg ttgcactgcc tacaagcctt     540
agcctgtcta ctcctcagcc aacagcacaa ataactgtat catatccaac accaaggtcc     600
agtcaacagc aaacccagcc tcagaagcag cgtgttttca caggggtggt tacaaaacta     660
catgatacat ttggatttgt ggatgaagat gtattctttc agcttagtgc tggcaaaggg     720
aaaacccccc aagtaggtga cagagtattg gttgaagcta cttataatcc taatatgcct     780
tttaaatgga atgcacagag aattcaaaca ctaccaaatc agaatcagtc gcaaacccag     840
ccattactga agactcctcc tgctgtactt cagccaattg caccacagac aacatttggt     900
gttcagactc agccccagcc ccagtcactg ctgcaggcac agatttcagc agcttctatt     960
acaccactat tgcagactca accacagccc ttattacagc agcctcagca aaaagctggt    1020
ttattgcagc ctcctgttcg tatagtttca cagccacaac cggcacgacg attagatccc    1080
ccatcccgat tttcaggaag aaatgacaga ggggatcaag tgcctaacag aaaagatgat    1140
cgaagtcgtg agagagagag agaaagacgt agatcgagag aaagatcacc tcagaggaaa    1200
cgttcccggg aaagatctcc acgaagagag cgagagcgat cacctcggag agttcgacgt    1260
gttgttccac gttacacagt tcagttttca aagttttctt tagattgtcc cagttgtgac    1320
atgatggaac taaggcgccg ttatcaaaat ttgtatatac ctagtgactt ttttgatgct    1380
caatttacat gggtggatgc tttccctttg tcaagaccat ttcagctggg aaattactgc    1440
aattttatg taatgcacag agaagtagag tccttagaaa aaaatatggc cattcttgat    1500
ccaccagatg ctgaccactt atacagtgca aaggtaatgc tgatggctag ccctagtatg    1560
gaagatttat atcataagtc atgtgctctt gctgaggacc cacaagaact tcgagatgga    1620
ttccaacatc ctgctagact tgttaagttt ttagtgggca tgaaaggcaa ggatgaagct    1680
atggccattg gaggccactg gtctccttcg ttggatggac cagacccaga aaaagatccc    1740
tctgtgttga ttaagactgg ctattcgttg ttgtaaggct ctgacaggca                1790
```

```
      <400> 9137
tagaggcata tagtgatagg cgaggggaaa cttaaatcat caacctggag cagccgtggc    60
agctccatgc gtgaggctgg tgccacacag tatcccggtg ttggcattgt ctccaggcct   120
tctctgttcc gcacgcagtt acaaaacaaa agaacagttg ccagcagttg gaagaggatg   180
tggatccaaa ccaaatgggg gacagatact ccctctatgg acaagatact catggaagaa   240
gtcaagttag aagagcaact gaaggaggtt gtggaagaag ataagcaagc attggcagat   300
actgagggct tgcagcagag cagccaaaaa ttggtgg                           337




      <210> 9138
      <211> 775
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (1)...(776)
      <223> n = a,t,c or g

      <220>
      <221> misc_feature
      <222> (489)...(708)
      <223> similar to gi804809 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters




      <400> 9138
atgaaatcca ataaaagcgg aaggcattag taaanctcaa aatgaaaaag aaaaatccca    60
aaatatcaga aaccagaaaa ttcaataata ccaagtactt taagatcaat aaaattgtaa   120
aattgataaa tctctaccca acccaatcaa ggttaaaaga aaaatataga cattaccagt   180
atcaggaata gaagaggttg caccactaca aattctacaa gtatgaaaat aatattttga   240
aaaatttgag tacttaaata aaacagaaaa actccttgaa agacacaaac catcaaagct   300
cactctagag atagatggat ggatggagtg acaaacagat ggacggacag acagatgtat   360
atataactag tatagccctc catctaccat ggaaatcaaa cttgtagtta gatgctgtcc   420
tacaaaacac acttcagggc cagagtgaca agacagacaa cacacacaca gacagatgta   480
catataactt gtacagccct ctatctacca cagaaatcaa acttatagtt agaaactttc   540
ctacaaaaca aactccaggc ccagacagct tccttggtga attctaccaa ccatttaagg   600
aagaaataat accaattatt cacaaactct tccagagagc tgaagagcag gaatacttcc   660
caacttactc tataaagctg gcattatgtt gataccaaag ccaaacctgg gcaagatata   720
tacttccaaa gaaaaaaaag caagcaagca agaagaaagt tagggtcaaa tatca        775




      <210> 9139
      <211> 2533
      <212> DNA
```

7572

```
    <400> 9139
tctccctgcg gacgggcgct gattggcccg tttgaaaatg cgcccaggcg ggagctcacc     60
tgggctctta gcgtcgccgc cggcttcgca gagcaccgcg ccttagccgc gaagttctag    120
ttcttgctgc cggtcctaac gtcccgcagt cttcgccagc cagccgtccc gcatgcgcgt    180
ttgggcggcg tggagcctgc tgccatgaag tcagcgagag ctaagacacc ccggaaacct    240
accgtgaaaa aagggtccca aacgaacctt aaagacccag ttggggtata ctgtagggtg    300
cgcccactgg gctttcctga tcaagagtgt tgcatagaag tgatcaataa tacaactgtt    360
cagcttcata ctcctgaggg ctacagactc aaccgaaatg gagactataa ggagactcag    420
tattcattta aacaagtatt tggcactcac accacccaga aggaactctt tgatgttgtg    480
gctaatccct tggtcaatga cctcattcat ggcaaaaatg gtcttctttt tacatatggt    540
gtgacgggaa gtggaaaaac tcacacaatg actggttctc caggggaagg agggctgctt    600
cctcgttgtt tggacatgat ctttaacagt atagggtcat ttcaagctaa acgatatgtt    660
ttcaaatcta atgataggaa tagtatggat atacagtgtg aggttgatgc cttattagaa    720
cgtcagaaaa gagaagctat gcccaatcca aagacttctt ctagcaaacg acaagtagat    780
ccagagtttg cagatatgat aactgtacaa gaattctgca aagcagaaga ggttgatgaa    840
gatagtgtct atggtgtatt tgtctcttat attgaaatat ataataatta catatatgat    900
ctattggaag aggtgccgtt tgatcccata aacccaaacc tccacaatct aaattgcttc    960
gtgaagatta agaaccataa catgtatgtt gcaggatgta cagaagttga agtgaaatct   1020
actgaggagg cttttgaagt tttctggaga ggccagaaaa agagacgtat tgctaatacc   1080
catttgaatc gtgagtccag ccgttcccat agcgtgttca acattaaatt agttcaggct   1140
cccttggatg cagatggaga caatgtctta caggaaaaag aacaaatcac tataagtcag   1200
ttgtccttgg tagatcttgc tggaagtgaa agaactaacc ggaccagagc agaagggaac   1260
agattacgtg aagctggtaa tattaatcag tcactaatga cgctaagaac atgtatggat   1320
gtcctaagag agaaccaaat gtatggaact aacaagatgg ttccatatcg agattcaaag   1380
ttaacccatc tgttcaagaa ctactttgat ggggaaggaa aagtgcggat gatcgtgtgt   1440
gtgaacccca aggctgaaga ttatgaagaa aacttgcaag tcatgagatt tgcggaagtg   1500
actcaagaag ttgaagtagc aagacctgta gacaaggcaa tatgtggttt aacgcctggg   1560
aggagataca gaaaccagcc tcgaggtccc acttggaaat gaaccattgg ttactgacgt   1620
ggttttgcag agtttttccac ctttgccgtc atgcgaaatt ttggatatca acgatgagca   1680
gacacttcca aggctgattg aagccttaga gaaacgacat aacttacgac aaatgatgat   1740
tgatgagttt aacaaacaat ctaatgcttt taaagctttg ttacaagaat ttgacaatgc   1800
tgtttttaagt aaagaaaacc acatgcaagg gaaactaaat gaaaaggaga agatgatctc   1860
aggacagaaa ttggaaatag aacgactgga aaagaaaaac aaaactttag aatataagat   1920
tgagatttta gagaaaacaa ctactatcta tgaggaagat aaacgcaatt gcaacagga    1980
acttgaaact cagaaccaga aacttcagcg acagttttct gacaaacgca gattagaagc   2040
caggttgcaa ggcatggtga cagaaacgac aatgaagtgg gagaaagaat gtgagcgtag   2100
agtggcagcc aaacagctgg agatgcagaa taaactctgg gttaaagatg aaaagctgaa   2160
acaactgaag gctattgtta ctgaacctaa aactgagaag ccagagagac cctctcggga   2220
gcgagatcga gaaaagtta ctcaaagatc tgtttctcca tcacctgtgc ctgtaagtta    2280
tttgtaattg tgtagtaact ttgtactaga gaatttttgt tcagattaga tgactatttc   2340
tatgaggatt tttacatttt ataatactta catttctgaa atttctctaa aaatattta    2400
aaatttagaa taaacacaaa tttagcacaa aaaaatagaa caaataatta tttgtaatgt   2460
taagtcttca tgtgctaaca ttatagaaaa gtaatgaatt gtttctctca gtttttcagt   2520
cttgctcatt aat                                                      2533
```

```
<210> 9140
<211> 460
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (152)...(454)
<223> similar to gi1916229 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


        <400> 9140
caagcggtgg gtgccatgtg ggaatgtcag ctcagaggtg ccacatcttc caatatttta      60
tgacaaaaag gaagtctaga gttttatgtg aatttaatta agatttgaat gttggaatta     120
atttgatttt aaaagcaggg caattagaac taataaattc agcaaagttg aaggatacaa     180
aatgaacacg caaaaattgg ttacatttct acaactaaca ataaacaatc caaaaaggaa     240
attaagaaaa taattccatt tacaatagca tcaaaaagaa taaagtaccg aggaataaac     300
ttaacaaagg ttaaatattg tatgctaaaa actacaagat attggtgaaa gaaattaaag     360
atgacaccaa taaatggaaa gacattccat gttcatggat tagaagattt aatattgata     420
aggtgtcagt actacccaaa gtggaattcc accgcacggt                           460




        <210> 9141
        <211> 1516
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1196)...(1516)
        <223> similar to gi1710216 in the genepept database release 114,
              Run with FASTXY 3.3t00, default parameters


        <400> 9141
tttcgtgcag ccgcagaagc ggcagcggcg gcggcgcggc gcaggcaccg gcccgggggag     60
aggcaccatg agcggatcac agaacaatga caaaagacaa tttctgctgg agcgactgct     120
ggatgcagtg aaacagtgcc agatccgctt tggagggaga aaggagattg cctcggattc     180
cgacagcagg gtcacctgtc tgtgtgccca gtttgaagcc gtcctgcagc atggcttgaa     240
gaggagtcga ggattggcac tcacagcggc agcgatcaag caggcagcgg gctttgccag     300
caaaaccgaa acagagcccg tgttctggta ctacgtgaag gaggtcctca acaagcacga     360
gctgcagcgc ttctactccc tgcgccacat cgcctcagac gtgggccggg gtcgcgcctg     420
gctgcgctgt gccctcaacg aacactccct ggagcgctac ctgcacatgc tcctggccga     480
ccgctgcagg ctgagcactt tttatgaaga ctggtctttt gtgatggatg aagaaaggtc     540
cagtatgctt cctaccatgg cagcaggtcc gaactccata ctctttgcga ttaacattga     600
caacaaggat ttgaacgggc agagtaagtt tgctcccacc gtttcagacc tcttaaagga     660
```

                                    7574

```
gtcaacgcag aatgtgacct tgctgaagga gtccacgcaa ggagtgagca gcgtgttcag    720
ggagatcaca gcctcctctg ccatctccat cctcatcaaa cctgaacagg agaccgaccc    780
cttgcccgtc gtgtccagga atgtcagtgc tgatgccaaa tgcaaaaagg agcggaagaa    840
gaaaaagcaa gtgaccaaca ttaactcatt tgatgatgag gaagatgagc agaactctgg    900
ggacatgttt aaaaagacac ctggggcagg ggagagctca gaggacaact ccgaccgctc    960
ctctgtcaat atcatgtccg cctttgaaag ccccttcggg ccaaactcca atggaagtca   1020
gagcagcaac tcgtggaaaa ttgattccct gtctttgaac agggagtttg ggtaccagaa   1080
gcttgatgtg aaaagcatcg atgatgaaga tgtggatgaa aacgaagatg acgtgtatgg   1140
aaactcatca ggacggaagc acaggggcca ctcagagtcg cccgagaaaa acggagcaca   1200
ctctgtcacc caggctggag tgcaatggca cgatctcagc tcactgcaac ctctgcctcc   1260
cgggttcaag tgattctact gcctcagcct cccgtgtagc tgggattgca ggcgcgcacc   1320
aacacacccg actaattttt gtatttttag taaagacagg gtttcaccat gttggccagg   1380
ctggtcttgc actcctgacc tcacgtgatc tgccccacct tggcctccca aagtgctggg   1440
attacaggtg tgaaccactg cgcccagccc caagtggctt tttcaattac atgagccaac   1500
atattctcac aagtca                                                  1516
```

```
<400> 9142
gagaagaagc ctggattaag ccccaggctt tgctcccagg agctcccatt ccacccgcag     60
gtccagcgcc ttggaaagtg gcacatgtgg ggtgtggacg ggcggacgag gaaccctctg    120
cttccacggc tcagacactg cctgggaggt cctgagtcca cgggtctatt cccacgggtg    180
gaagagagga agaaccaggg tctggggggct ggtaggtggc cactcaaggc actctaagct    240
tggggccaga aagcagcggg ggtccttaag ccacggagag gcttccaggg ctggctccac    300
atcggaatca ctgtgggatc ctgggcacgt gatcctgtct tgctggaagt tttcccatct    360
gctggtgggc gccgccgtgt tcgacgccct cgagtcggac cacgagatgc gcgaggagga    420
gaaactcaaa gccgaggaga tccggatcaa ggggaagtac atcatcagca gcgaggacta    480
ccggcagctg gagctggtga tcctgcagtc ggaaccgcac cgcgccggcg tccagtggaa    540
attcgccggc tccttttact ttgcgatcac ggtcatcacc accataggta agggctgggc    600
gcgccgctgg gctgggtgca gggcgtcgag ggttaaacgc agcctccctt gggggccttc    660
ccgcagcgcc ccctcctctc tagggagccc cccctccacg gcgcctccga gcctcaccct    720
tcggggacac gaaa                                                     734
```

<220>
<221> misc_feature
<222> (325)...(821)
<223> similar to gi5915896 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9143
ccagccggtg ctgccgtctg ttgtacctga gaggcttgcg catgctcgac gcacggattc   60
gaggcgggga gcatgggaag aagcggccag gagtatgacc tgatcattgc gaccaccgct   120
aggggaaggg aggagagggt gtagaaacgg ggacgagggt gggggaaggg caaggaggcg   180
ctcgagctgg tgcgcggagc atcctgggag acgtagtcca gcgggagggg gaagtcgaag   240
actgcgcgtg ctcaggagcg cggagcggcc cgctgagcgc agaggggcag acactggcct   300
cagatacctg acctggtacc ctctatgagg cctgcggtgc tgggctcccc agaccgagca   360
ccccccagaag atgaggggcc tgtcatggtg aagctagagg actctgagga ggagggtgag   420
gctgccttat gggacccagg ccctgaagct gcacgcctgc gtttccggtg cttccactat   480
gaggaggcca cagggcccca agaggccctg gcccagctcc gagagctgtg tcgccagtgg   540
ctgcgtccag aggtacgctc caaggagcag atgctggagc tgttggtgct ggagcagttc   600
ctgggcgcac tgcccctga gatccaggcc cgtgtgcagg ggcagcggcc aggcagcccc   660
gaggaggctg ctgccctagt agatgggctg cgccgggagc cgggcggacc ccggagatgg   720
gtgagtgagt gtccacgagt ggggttcagg actggagcat catccagctc ggcctcaccc   780
tgggcagcac cacgctttgc cagacacacg ttctcccttg tggtacagaa gtggccacct   840
gcaacagaga ccctgtgcaa ggctgcccag ggcagaggga ttccagggcc agactcccca   900
gcccattcct gcatcacctg cagtcacgtg gacataggag ctgcaggcta ggggaatatg   960
gggaag   966

<210> 9144
<211> 602
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (134)...(601)
<223> similar to gi841124 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9144
acgacgattt cgtgggagct gtggtcccag ggctggactg gagttttgtt tgtgagaatt   60
tgcccggggg ccaaggggg ttctcttctc ctggatctta gtctcggtag cctgtcacct   120
ggcctccacc caaggagctc ctgaagatgt ggacatcctc cagcggctgg gcctcagctg   180
gacgaaggcc gggagccctg cacccccggg agtcattcct ttccagtcgg gcttcatctt   240
tacgcagcgg gcccggctcc aggctcccac gggcaccgtc attcctgccg ccttgggcac   300
agagctggca ctggtgctga gcctctgctc ccaccgggtg aaccatgcct tcctcttcgc   360
tgtccgcagc cagaaacgca agctgcagct gggcctgcag ttcctccccg gcaagacggt   420
cgtccacctc gggtcccggc gctcagtggc cttcgacctc gacatgcacg acgggcgctg   480
gcaccacctg gccctcgagc tccgaggccg cacagtcact ctggtgactg cctgcgggca   540

gcgccgggtg cctgtcctgc tgcctttcca cagggaccct gcactcgacc ctgggggctc   600
ct   602

<210> 9145
<211> 1286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (282)...(490)
<223> similar to gi4079809 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9145
cggaccaccc gcggggcagc ctcgggcctc tctccatctc ttaagtggtg gtggctgtgg   60
gtttttctgc aggcgatcct tttgagtaat ttgtttcacg cacgcgccct gctgtggggt   120
aaagcggcag attcatgctg ctgtcatttg tcgttaaaac gatgggctcc ctgttatgtg   180
tgtacttctt ggatttgagg gcagggggat gacattgtga cttggcttcc tgtgaccgtc   240
cattctcaag gcctgagacc tgggaggaag ctggagaaaa gatgccctct gaatctttgt   300
gtttggctgc ccaggctcgc cttgacaccg aatggttgaa aacagatata cagatgatag   360
tgtcgaacca agtggaacaa agaaagaaga tctgaatgac aaagagaaaa aagatgaaga   420
cgaaactcct gcacctgtat atagggccaa gtcaattctg gagacctggg tgtgggtcaa   480
gcaaccagga aacggaagcc caaagaggag gggagcttac agcaggccct ggactaggga   540
ttaacacaaa aacaacagca acaaatctga tttaagcttc acacattctg gctctgttat   600
ccaggctgga atgcagtggc gtgatctcaa ctcattgcaa gctccacctt ctgggttcat   660
gccattctcc tggcttcagc ctctgagtag ctgggactac aggcgcccaa cacccacact   720
gggctaattt ttgtattttt agtagagacg gggtttacc atgttagcca agatggtctc   780
catcttctga cctcgtgatc cacccacctc ggcctcttag agtgcttggg attacaggcg   840
taagccacca ctcccggccg atatattgct ttatgaaaat tatactggat ctgttacaga   900
tgatagtgtt gaaccaagtg gaacaaagaa agaagatctg gatgacagag agaaaaaaga   960
tgaaactcct gcacctgtat atgggccaa gtcaattctg gagagctggg tatggagtaa   1020
gcaaccaggt aatctttgat cagagataga aattagtgta gacattttgc ctccagatcc   1080
tcaagtggtt ttagaaattg gttctctaat tctgtgggag aaggttgata ctggtatagt   1140
cttacacgtc attgaaactg gaaaagatag ctagatattc tcctactcat gttttggata   1200
atgagataaa ttattttatg cttcacacac ttggagtatg tcatctactg taatatagta   1260
tctgaatgaa tactttaaat aaaata   1286

<210> 9146
<211> 624
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(573)

7577

<400> 9146
aaggtccggg gggagctgtt ccgctgcgct gccctcgtta ttcacacgga cgctgcggag   60
cttcccaggg ctgcttccct gtccccctgg gtggaggctg ccgtctaaac ctgactccag   120
agtttaagat gcaatggcca gaagacatga acgtgtcact agaaggatgt ggacatgggc   180
tccgggactg ttgatgatga ctgtggtgtt ttggggtcat caggggaatg gacaaggcca   240
aggatcgcgt cttcgccagg aggactttcc cccgcggatt gtggagcatc cttccgatgt   300
catcgtctct aagggcgagc ccacgactct gaactgcaag gcggagggcc ggccaacgcc   360
caccattgag tggtacaaag atggggagcg agtggagact gacaaggacg atccccggtc   420
ccacaggatg cttctgccca gcggatcctt attcttcttg cgcatcgtgc acgggcgcag   480
gagtaaacct gatgaaggaa gctactgttt gtgttgcgag gaaatatgtt gtggaagcag   540
tgaggccaaa tgcgcctatg gaggtggcat gctagtgaac ataatgaacc tcctgtgcac   600
atttactttt atttatttca agag   624

<210> 9147
<211> 1121
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1122)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (757)...(1121)

<400> 9147
cgagcgcgga acgcgagggg ctgctggggt gtttgtcgca gcgggttttc ctcggcggtt   60
tgcggagctg ctaggatgga gcaggttgcg gagggagcaa gggtgaccgc agtccctgtg   120
tcagctgccg acagcactga ggagttggcc gaagtcgaag aaggagttgg agtagtgggc   180
gaagataatg acgcagccgc gagaggagcg gaggcctttg gcgacagtga ggaggacgga   240
gaggatgtgt tcgaggtgga gaagatcctg gacatgaaga ccgagggggg taaagttctt   300
tacaaagttc gctggaaagg ctatacatcg gatgatgata cctgggagcc cgagattcac   360
ctggaggact gtaaagaagt gcttcttgaa tttaggaaga aaattgcaga gaacaaagcc   420
aaagcagtca ggaaggatat tcagagacta tccttaaata acgacatatt tgaggcgaac   480
tctgatagcg atcagcaaag tgagacaaaa gaagatactt ccccaaagaa gaaaaagaaa   540
aaattgaggc agagagaaga gaaaagccca gatgatctga aaaagaaaaa agcaaaggcc   600
gggaagctaa aagacaagtc caaaccagac ctggagagct ccttggaaag tttagttttt   660
gatttaagga caaagaaaag aatttctgaa gccaaagaag aactaaagga gtccaaaaag   720
cccaaaaaag atgaagtaaa agaaacaaaa gaattaaaga aagttaaaaa gggtgaaata   780
agagatttaa agacgaaaac aagagaagat cccacctata atagaactac tgataatgaa   840

7578

```
aaatttgtcg aatcccaggt ggaatctgaa tcaagtgtac ttaatgattc tcccttttcca      900
gaggatgaca gtgaagggct acattccgac agcagagaga agagaaaagc ccagatgatc      960
tgaaaaagaa aaaagcaaag gccgggaagc taaaagacaa gtccaaacca gacctggaga     1020
gctccttgga aagtttagtt tttgatttaa ggacaaagaa aagaatttct gaagccaaag     1080
aagaactaaa ggagtccaaa aagcccaaaa naaaaaaaaa a                         1121
```


<210> 9148
<211> 700
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (254)...(496)
<223> similar to gi728604 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9148
```
tttcgtctgc cttcctgagt gagcggtgga gggaaccta gaggacagag cccccagccc      60
ggcagcaggc cccctctccg cccgccacca cggaggagaa ggaggacagc cagcccctcc     120
agccctggcc tggcccagcg ggggcagtaa gctcctactt gcccccagct tggtgcccac     180
acgggcccag tgcatgagca gccgagcctg ctaaccgcag ctccgcactt gtccatcccc     240
ctgcggctac accatgtcca gctcctacga tgaggcctca ctggcgccag aggagaccac     300
cgacagcttc tgggaggtgg ggaactacaa gcggaccgtg aagcgcatcg atgacggcca     360
ccgtctatgc aacgacctga tgaactgcgt gcaggagcgc gccaagatcg agaaggcgta     420
cgggcagcag ctcaccgact gggcccaagc gttggcgcca gctcatcgag aaaggtgctc     480
ccccaggctc acattgtgcg cgcccccagg ccgtcacgag cccctaggt ttgggtccta     540
ggagccccgg ctacttgcat gcaccatgcc ctccatttac cagacacagg acattttcag     600
gcgctgttcc ctcctagatc aaaccaggcc tacctgttca tctctatttt gtacaatttt     660
aggttgaatt aaaaaaaaaa aaacacttttt tatcttgaaa                          700
```


<210> 9149
<211> 1420
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (379)...(1416)
<223> similar to gi1458241 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9149
```

```

```
tttcgtggcc gccatcgcta ttgcggcatt ctccctcggc tccggaggta ggggcaactc   60
ttctcttcct gtctgggaaa aagaccatag ctcaaaagga aggccgaggg agaagttaga   120
aagggatgat gaacgaagcg ttttgagggg actgcaacgc cgcggcaata cccgcccctg   180
agctgcgcgc actaccgcct cggtagctgt catggccgcc gggtcacgtg actccggctt   240
ggcgccgtcc tggttttccg tcaccctggt tctgtagtct cggttctccg actccctctt   300
tttctcgctt gtggactccg atatattgcc cttcttccct tagaagaact gctgaaccga   360
ctctgagaaa tttgaaaaca tctggagaaa atgacccatt ggtttcatag gaacccatta   420
aaagccacag ctcctgtgtc ttttaattac tatggtgtag tcactggccc ttctgcttca   480
aaaatatgca atgacttgag gtcatccagg gcacgactcc ttgaactgtt cactgatttg   540
agctgtaatc cagaaatgat gaagaatgca gcagattcat atttctcact tttacaaggt   600
ttcataaatt ctttggatga atctacccaa gaaagcaagt tacgatatat tcaaaatttc   660
aagtggactg atacattgca aggacaggtt ccaagtgccc agcaggatgc tgttttgaa   720
ttaatttcca tgggatttaa tgtagcttta tggtatacca aatatgcttc aagactggct   780
ggaaaagaaa atataacaga agatgaagca aaagaagttc atcgaagcct aaagattgca   840
gctgggattt ttaaacattt aaaggaaagt catctcccaa aactcattac acctgcggaa   900
aaaggaagag atttagagtc acgactcata gaagcatacg ttattcaatg tcaggctgaa   960
gctcaagaag taacaattgc tcgagcaatt gaactaaaac atgctcctgg actaattgct   1020
gcactggcgt atgaaacaag ccaatttcta tcaaaaagct gatcatactt tatccagttt   1080
ggagcctgca tattctgcca aatggagaaa atatcttcac ttgaagatgt gtttctacac   1140
agcttatgct tactgttacc atggtgagac tttattggct agtgataaat gcggtgaagc   1200
aatcaggtct ctccaagaag cagaaaaatt gtatgcaaag gcagaagcac tgtgtaaaga   1260
atatggagaa accaaaggac ctggaccaac agtcaaacct tcaggacatc tgttctttag   1320
gaaacttgga aaccttgtga agaacaccct agaaaaatgt cagagagaaa atggatttat   1380
ttactttcaa aaaattccaa cagaagcccc acaatgtatt   1420

<210> 9150
<211> 849
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (270)...(850)
<223> similar to gi202862 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9150
ccaccgcgtg ggctcccgag atagtggctg ggcggggaac tctttcctca tcctctcgtc   60
agcgccgctt ctcctgggtt ctcttgcaga tgctgctgct aggggtgggg ggagcagccg   120
tgggacgcgt ggccgggagc gggggtgaca gcctgggatt ccggggggctt ctcttccttg   180
tcctcctcct ctcctctcta ttcccagtgt ggccgtggct gacactaaag actttgtagc   240
catcaacccg agtgcagttt cgatggaaaa tgaaggttgc acgttttcaa aaaataccta   300
atggtgaaaa tgagacaatg attcctgtat tgacatcaaa aaaagcaagt gaattaccag   360
tcagtgaagt tgcaagcatt ctccaagctg atcttcagaa tggtctaaac aaatgtgaag   420
ttagtcatag gcgagccttt catggctgga atgagtttga tattactgaa gatgagccac   480
tgtggaagaa gtatatttct cagtttaaaa atccccttat tatgctgctt ctggcttctg   540
cagtcatcag cgttccaatg catcagtttg atgatgccgt cagtatcact gtggcaatac   600
ttatcgttgt tacagtcgcc tttgttcagg aatatcgttc agaaaaatct cttgaagaat   660
tgagtatact tgtgccacca gaatgccatt gggtgcgcga aggaaaattg gagcatactc   720
ttgcccgaga cttgtttcca ggcgatacag ttagcctttc tgttggggat agaggccctg   780

                                7580
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ctgacttacg cttgtttgag gctgtggatc tttccattga tgagatcaga cttgacaggt    840
gaaacaacg    849

<210> 9151
<211> 1973
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (625)...(1963)
<223> similar to gi4650844 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9151
cagtggcgtg attctcctgc ctcagcctcc caagtagctg ggattatagg cacctaccac    60
catgcccggc taattttttt gtatttttag tggagatggg gtttcactat gttggccagg    120
ctggtcttga actcctgacc tcgtgattca tccgcctcag cctcccgaag tgttgggatt    180
gcaggcgtga gccactgcgc ccggccactt tgcgcatttt gactgttgcc taatgttctg    240
tcagatcact gtgccatgac atctgttttc ctgagggtgg acgttttggt gatttaaaac    300
cgtatagatg tggtttttaaa tgtttttaaat gttgcaccct gtgctgtgct ccttcccagc    360
agagaattga ttcatttttc agcatatccc ccttagcccc tagctaagtt tcttaaattg    420
gacttggtaa atgtgctttg cctgcccatg gaagatgtct ttctgtttta ccgtacttgt    480
ttttgcagta tgggtttagg gagtagctgc catttatccc ttcccaagag agcagaggca    540
ctactatgct cacggaaggc cacagttgta agggatcttg tggctgtcag gatggcagag    600
gagcaggagt tcacccagct ctgcaagttg cctgcacagc cctcacaccc acactgcgtg    660
aacaacacct accgcagcgc acagcactcc caggctctgc tccgagggct gctggctctc    720
cgggacagcg gaatcctctt cgatgttgtg ctggtggtgg agggcagaca catcgaggcc    780
catcgcatcc tgctggctgc gtcctgcgat tacttcaaag gaatgtttgc tgggggattg    840
aaggagatgg aacaggaaga ggtcctgatc cacggtgtgt cctacaatgc tatgtgccaa    900
atcctacatt tcatatacac ctccgagctg gagctcagcc tgagcaatgt acaagagaca    960
ctggtggctg cctgccagct tcagatccca gaaattatcc atttctgctg tgatttcctc    1020
atgtcctggg tggacgaaga gaacattctc gatgtctacc ggctggcaga gctgtttgac    1080
ttgagccgcc tgactgagca actggacacc tatatcctca aaaactttgt ggccttctct    1140
cggactgaca agtaccgcca gcttccattg gagaaggtct actccctcct cagcagcaat    1200
cgcctggagg tctcctgcga gaccgaggta tatgaggggg cccttctcta ccattatagc    1260
ctggagcagg tgcaggctga ccagatctcg ctgcacgagc ccccaaagct ccttgagaca    1320
gtgcggtttc cgctgatgga agctgaggtc ctgcagcggc tgcatgacaa gctggacccc    1380
agccctttga gggacacagt ggccagcgcc ctcatgtacc accggaacga gagcctacag    1440
cccagcctgc agagcccgca aacgagctg cggtcggact tccagtgcgt tgtgggcttc    1500
gggggcattc actccacgcc gtccactgtc ctcagcgacc aggcccaagt atctaaaccc    1560
cttactggga gagtggaagc acttcactgc ctccctggcc ccccgcatgt ccaaccaggg    1620
catcgcggtg ctcaacaact tcgtatactt gattggaggg gacaacaatg tccaaggatt    1680
tcgagcagag tcccgatgct ggaggtatga cccacggcac aaccgctggt tccagatcca    1740
gtccctgcag caggagcacg ccgacctgtc cgtgtgtgtt gtaggcaggt acatatacgc    1800
tgtggcgggc cgtgactacc acaatgacct gaatgctgtg gagcgctacg accctgccac    1860
caactcctgg gcatacgtgg ccccactcaa gagggaggtg tatgcccacg caggcgcgac    1920
gctggagggg aagatgtata tcacctgcgg ccgcaagggg aggattacct gaa    1973

7581

<210> 9152
<211> 958
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(959)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (251)...(958)
<223> similar to gi5441611 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


<400> 9152
ggaggagtga ggtcaattgc cctttagtcc caggactaac cggaagcttc tgcaacagga      60
ggacattgaa aataagatgg aacccatcca cataaggatt tgcctcaaag ggcactgcaa     120
aaattgaaca gaggaatccc aaggaagctg cctgaatttg cctgtatact ctcgttctgc     180
gacttataaa ggaccagaca aatcaaatta gtggtttttgg tttccgccag ctgtggatgc     240
ctttgacatt atgaccgcag aggattccac cgcagccatg agcagtgact cggccgccgg     300
gtcctcggcc aaggtgcccg agggcgtggc gggcgcgccc aacgaggcag cactgctggc     360
gctgatggag cgcacgggct acagcatggt gcaagagaac gggcagcgca agttacggcg     420
gcccaccgcc cggcttggga gggcccgcaa ccccngcaag cgtggctgga aggtgttctt     480
ccgtgggcaa gattcccgcg cgacgttgtt acgaggacga gctggtgccc gtgttcgagg     540
ccgtgggccg catctacgag ctgcgcctca tgatggactt tgacggcaag aaccgcggct     600
acgccttcgt catgtactgc cacaagcacg aggccaagcg cgcagtgcgt gagctcaaca     660
actacgagat ccgccggggc cgcctgctcg gcgtgtgctg cagcgtggac aactgccgcc     720
tcttcatcgg cgggatcccc aagatgaaga agcgcgagga aatcctggag gagattgcca     780
aggtcaccga gggcgtgctg gacgtgatcg tctacgccag cgcggccgac aagatgaaga     840
accgcgggct tcgccttcgt ggagtacgag agccaccgcg cggctgccat tggctcggcc     900
gcaagctcat tgcctggncg gcatccagct tgtgggggcc accagatcgc cgtggact     958


<210> 9153
<211> 1035
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (898)...(20)
<223> similar to gi2224569 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9153

```
tttaccttgt atcctgttat tagacctgga tcacatacag cagctgagag gagcctcaca    60
agcaagtctt gtacttcacc catgctgtcc cctatattta gcaatccctc ttgaagaaca   120
ctcaggtttg gaacatcaat attctcatca aagcccaaaa ctttaccaaa gtttcgtaag   180
aactgcacca ccatgagaca gtctgaaaat gtacttccag agagaacaag tcctggaata   240
cgaggcaact ctggcaaagg cttttggtct gctaagcaca tgtcttcatt aggcttcttt   300
agttcctttg ccatttctaa ttctaatctt cgctgctcta gtttacgctc tttatttaat   360
ctttctcat cacgtttttc ttgtttcaac cgctcttttt cttctgcttt tttacgagct    420
tccatagctt tcataagcat catgtgttgt cgccttcgct ctcgttccct gatgtttcag   480
aagaacagct tgttgtcttc tcatttcttt ttcctttatt cgtttctcgg cctccaataa   540
tttggcattt gccgcttctt ccttcttttt tttttttagcc tctagaattt gctgagctcg   600
aagttctttt tccattctga tttgctgtat tctcttaatt ttttcctgct gtttcataat   660
ctttatctgt tcttttttgct tccgcttctc ctcagcagcc attattgctt gttgttttttt   720
ggcttcttta gcaacccgag cctgttcctg cttttgaagt tttctcaaaa gctttatttg   780
tgctgcttgc ctggctattt cttgagcttg cagtttcttt agcaactttg catctgcgtt   840
atctaggaat tcagcattgc caacattgg aggtcgacct ttccgacgtc tcatcctgga    900
ttcctctctt gctcgttgtc tatctggatt tggtggtctt cctctacgac cttccattgc   960
cctgatacga ggaatgacat cctcttctttt caaaagacac cactgcattc cctgcggtcc  1020
atctctggct tcata                                                    1035
```

<210> 9154
<211> 1092
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (172)...(776)
<223> similar to gi4091819 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9154

```
ccttaaagaa agttggagaa gaggagagag aagccagggc cgagcgtgcc agcaggcgga    60
tggatgggcg gtctggtgga ggaggagacg tagtggcctg ggctgagctg ggtgggccgg   120
gagaagcggg tgcctcagag tgggggtggg ggcatgggag gggcaggcat tctgctgctg   180
ctgctggctg gggcgggggt ggtggtggcc tggagacccc caaagggaaa gtgtcccctg   240
cgctgctcct gctctaaaga cagcgccctg tgtgagggct ccccggacct gccgtcagc    300
ttctctccga ccctgctgtc actctcactc gtcaggacgg gagtcaccca gctgaaggcc   360
ggcagcttcc tgagaattcc gtctctgcac ctgctcctct tcacctccaa ctccttctcc   420
gtgattgagg acgatgcatt tgcgggcctg tcccacctgc agtacctctt catcgaggac   480
aatgagattg gctccatctc taagaatgcc ctcagaggac ttcgctcgct tacacaccta   540
agcctggcca ataaccatct ggagaccctc cccagattcc tgttccgagg cctggacacc   600
cttactcacg tggacctccc gcgggaaccc gttccagtgt gactgccgcg tcctctggct   660
cctgcagtgg atgcccaccg tgaatgccag cgtggggacc ggcgcctgtg cgggccccgc   720
ctccctgagc cacatgcagc tccaccacct cgaccccaag actttcaagt gcagagccat   780
aggtgggggg ctttcccgat ggggtgggag gcgggagatc tggggaaag gctgccaggg    840
gccaagaggc tcgtctcact ccctgcccct gccatttccc ggagtgggaa gaccctgagc   900
aaagcagcac tgccttcctg agccccagtt ttctcatctg taaagtgggg gtaataaaca   960
gtgatatagg agtgccatgg gaattcaatg atacatcttc acgtgttcgg catttggcgc  1020
```

<center>7583</center>

cgggcctggg acaggaggtc cttataaacg ttcacccttg ttaacataaa agcaaccaat   1080
ttaaaaattc aa   1092

          <210> 9155
          <211> 739
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (184)...(739)
          <223> similar to gi1469203 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters

          <400> 9155
atcgatagcg tgtaggaccg gcccggaatt cccggttcca cgggaggcag gaggggaagt   60
cccaacggtg ctagaatggt gctgcagtgg cagaagacgg ctcacaagtg aagtctggaa   120
gaacaacagg gaagacatcc atcatttgct ccaaagtgtg caagtcaaat cctggggaga   180
atcatgataa ccctgatcac tgagcagcta cagaagcaga ctctggatga gctgaaatgc   240
acacgcttca gcatcagtct gcctttgcct gatcatgcag acatctccaa ctgtgggaac   300
tctttccagc ttgtgtctga aggtgcttcc tggaggggcc tgccccactg ttcctgtgct   360
gagttccagg acagcctcaa cttcagctac catccctcag gcctgagcct gcacctcaga   420
ccacccagtc ggggaaactc ccccaaggag cagcccttct cccaagtcct aagacctgag   480
cccccagatc cagagaagct tcctgtgccc cctgccctc catccaagag gcactgccgc   540
tcactctcag tgcccgtgga cctgtctcgc tggcagccgg tgtggcggcc cgcccctcc   600
aagctgtgga ctcccataaa gcaccggggc agtggtggag ggggtgggcc gcaggtgcct   660
caccagagcc ccccaaagcg ggtctccagc ctcaggttcc tccaagctcc cagtgcctct   720
tctcaatgtg ccccggcgc   739

          <210> 9156
          <211> 943
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (34)...(943)
          <223> similar to gi2252814 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters

          <400> 9156
gcggccgccg ggagggcgcg cggcgccgga gacatgttca ggcggaaaca gagcaacccc   60
cggcagatca agcgttccct cggagacatg gaggccagag aggaggtgca gttggtgggt   120

```
gccagccaca tggagcaaaa ggccacggca cctgaagccc cgagccctcc cagcgcagat    180
gttaactcac ccccaccgct gccgtccccc acatccccag gaggccccaa ggagctggaa    240
ggacaggaac cagaacccag gcccacggag gaagagccgg gcagtccctg gagcgggcca    300
gacgagctgg agccggtggt gcaggaggcc ggaggcgcat acgggcccga ctcagcctcg    360
ccacgggcct gtcctggggc ccgttccatg ggagtgtcca gaccagagcc tcatccccca    420
ggcaggcgga gccgagccca gccctgaccc tgctgctggt ggacgaggcc tgctggctga    480
ggacgttgcc ccaggccctg actgaggccg aggccaacac agagatccac aggaaggatg    540
acgcactctg gtgcagggtc accaagccgg tgcctgcggg gggactcctg agcgtgctcc    600
tcacgggcga gccccacagc accccgcc accctgtgaa gaaggagcca gcagagccca    660
cgtgcccggc ccctgcacac gacctccagc tcctgcccca gcaggccggg atggcctcca    720
tccttgccac cgcagtgatc aacaaagacg tcttcccctg caaggactgt ggcatctggt    780
accgcagcga gcgcaacctg caggcgcacc tgctctacta ctgcgccagc cgccagggca    840
ccggctcccc ggccgcagcc gccacagacg agaagcccaa agagacctac cccaacgagc    900
gcgtctgccc ctaccccag agccgcaaga gctgccccgg cgc    943
```

```
<210> 9157
<211> 836
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (206)...(839)
<223> similar to gi3002925 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters
```

```
<400> 9157
ctatgggaat ttagccttag gggctgatct gatgattctt agttctctct atctcctgag     60
aaggagttcg ttctgttggt cttccctggc ccagggatgc tttgcatcct tggctccccc    120
agtctactcc ccatgatgga ttccaggtgc ctgtgtcatg caagagcttg agctgcccct    180
ctgtctgggg aaggcaagcc aggctggggt gctcctctgt aaatggcact ttatctttcc    240
cacagggtc agatctcaga ctattcatca atggccagcg accctggtgc agcctgtggg    300
cagcccgctc tctctggagt gcactgtgga gggaacatca aaccccaacc tatactggta    360
ccgacaggct gcaggcaggg gcctccagct gctcttctac tccgttggta ttggccagat    420
cagctctgag gtgccccaga atctctcagc ctccagaccc caggaccggc agttcatcct    480
gagttctaag aagctccttc tcagtgactc tggcttctat ctctgtgcct ggagtgcagg    540
actagcggga gggccgggag agcagtactt cgggccgggc accaggctca cggtcacaga    600
ggacctgaaa aacgtgttcc cacccgaggt cgctgtgttt gaggccatca gaagcagaga    660
tctcccacac ccaaaaggcc acactggtgt gcctgcgcac aggcttctac cccgaccacg    720
tggagctgag ctggtgggtg aatgggaagg aggtgcacag tggggtcagc acagacccgc    780
agcccctcaa ggagcagccc gccctcaatg actccagata ctgcctgagc agccgc    836
```

```
<210> 9158
<211> 1194
<212> DNA
<213> Homo sapiens
```

<220>
<221> misc_feature
<222> (1)...(1195)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (194)...(1194)
<223> similar to gi1504042 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9158
catcaaggtg atcaagttca tcctcatcat ctgctacacc gtctactacg tgcacaacat   60
caagttcgac gtggactgca ccgtggacat tgagagcctg acgggctacc gcacctaccg   120
ctgtgcccac cccctggcca cactcttcaa gatcctggcg tccttctaca tcagcctagt   180
catcttctac ggcctcatct gcatgtatac actgtggtgg atgctacggc gctccctcaa   240
gaagtactcg tttgagtcga tccgtgagga gagcagctac agcgacatcc ccgacgtcaa   300
gaacgacttc gccttcatgc tgcacctcat tgaccaatac gacccgctct actccaagcg   360
cttcgccgtc ttcctgtcgg aggtgagtga gaacaagctg cggcagctga acctcaacaa   420
cgagtggacg ctggacaagc tccggcagcg gctcaccaag aacgcgcagg acaagctgga   480
gctgcacctg ttcatgctca gtggcatccc tgacactgtg tttgacctgg tggagctgga   540
ggtcctcaag ctggagctga tccccgacgt gaccatcccg cccagcattg cccagctcac   600
gggcctcaag gagctgtggc tctaccacac agcggccaag attgaagcgc ccgcgctggc   660
cttcctgcgc gagaacctgc gggcgctgca catcaagttc accgacatca aggagatccc   720
gctgtggatc tatagcctga agacactgga ggagctgcac ctgacgggca acctgagcgc   780
ggagaacaac cgctacatcg tcatcgacgg gctgcgggag ctcaaacgcc tcaaggtgct   840
gcggctcaag agcaacctaa gcaagctgcc acaggtggtc acaaatgtgg gcgtgcacct   900
gcagaagctg tccaccaata cgacccgctc tacaccaagc tcatcgtcct caacagcctc   960
aagaagatgg cgaacctgac tgagctggag ctgatccgct gtgacctgga gcgcatcccc   1020
cactccatct tcagcctcca caacctgcag gagattgacc tcaaggacaa caacctcaag   1080
accatcgagg agatcatcag nttccagnac ctgcaccgnc tcacctgcct taagctgtgg   1140
tacaaccaca tcggctacat ccccatccag atcgggaacc tcancaacct ggag   1194

<210> 9159
<211> 1518
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1284)...(1519)
<223> similar to gi288145 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9159
cgcatcggaa acccggctcg acccacgcgt ccggcaaggc ctgcggggag gcgcatgatg   60

```
gacgcgtttg ctgtcatgat gtaggacctc ctgacctaga accatgcccg gcgcagggag    120
aacaacgagc ttatggaccg ggtgcggggg ctgctgtgcg agaaagccta cctgctggcc    180
cgggagcgtt cgccggccca cctggtggct ttccctggac gtttaacggc gactccgccc    240
ggcctcccga cttttttgatg caggcgttct cttacatgac tttcttcgag gctagattct    300
cgaaagacat cctgaaggtg gctttcttaa ttagctgcct caccggctgg cggagcagtt    360
cgtagtcccc tacatcgaga gggagagccc cgtcctggct cagtactggg gcttcgtgga    420
cgcgctgtag cgggtcttcg ccgtcgtggg taggaaacag tcgggccgga tccccggtgt    480
ctggggagcg gctgccggcc gggcccgcgc gagccgattc actcctacaa gcccggctca    540
ctagttccaa gctgctggac tttgaccctc gctgggaagc ttgatcgccg cctgttctcg    600
ccaatctcta tgcctttgca ctgcccagca acccggtcac tgcccaggac ctgttaaaag    660
ttgaatggac ctcccagaat cacgccgctg ccaccgccgt ttctagagac ggcttttggc    720
cacctttgag aatcagggtc aaacttggaa gggcctgcat ttgtcacact tcctcggaca    780
ctaatttgga tagttcaggc ccagagacgg cttcccgggt tagtgtgcct gacaacactg    840
aagaaaaatt gtgacatttt ccttccccag aattacttcg ttttatacat ttcacttctc    900
ttctgaaatc acagcaatgc cagtttgcgc cttttggtct gaggaacgca ggccctggcc    960
actaccagga aaaaatcctt tgcacatggc ctgctatcaa caatcctcta caatgattct   1020
cagcatcacc tagggagctt atgtaaaatc tcaaattcct gggccctatc cccagagttt   1080
cttatcaagt aagtctgcat tgggatctga ggatttgcat ctctaacaaa aattcctagg   1140
cgatgctcac actgttggtg taaggtttcc ttgatggaga actatcaaag cagtcaaagc   1200
tatcaaaata aaaagaatt ctgattgggt gcagtggctc acacctgtca ttccagcact   1260
ttgagaggcc aaggtgggca gatcacatga ggccaggagt tcaagaccag cctggccaac   1320
atggcagaaa ccccatctct actaaaaata ccaaaattag ccgggcatgg tggaacacac   1380
ctgcaatccc agctactcgg gaggctgagg caagagaatc gcttgaacct gggaggcaga   1440
agttgcagtg aaacaagttg gtgccaatgc attccagcct ggatgatgga gcgagactct   1500
gtctcaagaa aaaaaaaa                                                  1518
```

```
        <400> 9160
cgatttcgtg gagagcggtg gcggcggctg cgccgggctg tgagtctctc gccgccggag    60
gaagatgagg ctgaagattg gattcatctt acgcagtttg ctggtggtgg gaagcttcct   120
ggggctagtg gtcctctggt cttccctgac cccgcggccg gacgacccaa gcccgctgag   180
caggatgagg gaagacagag atgtcaatga ccccatgccc aaccgaggcg gcaatggact   240
agctcctggg gaggacagat tcaaacctgt ggtaccatgg cctcatgttg aaggagtaga   300
agtggactta gagtctatta gaagaataaa caaggccaaa aatgaacaag agcaccatgc   360
tggaggagat tcccagaaag atatcatgca gaggcagtat ctcacattta gcctcagac   420
attcacctac catgatcctg tgcttcgccc aggatcctc ggtaactttg aacccaaaga   480
acctgagcct cctggagtgg ttggtggccc tgggagagaa agccaagcca ttggtttttgg   540
ggcccagaat ttaaacaagc aattcaagcc agcatttaaa gagtttgggt ttaacatggt   600
ggcaagtgac atgttctcac tg                                             622
```

<210> 9161
<211> 1243
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (99)...(1236)
<223> similar to gi1591717 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9161
tttcgtggcg gcggcggcgg cggccggacc cagactggta gtgaggcgtt ggaccccgag   60
ccgctgcaat gccgctggag ctggagctgt gtcccgggcg ctgggtgggc gggcaacacc   120
cgtgcttcat cattgccgag atcggccaga accaccaggg cgacctggat gtagccaagc   180
gcatgatccg catggccaag gagtgtgggg ctgattgtgc caagttccag aagagtgagc   240
tagaattcaa gtttaatcgg aaagccttgg agaggccata cacctcgaag cattcctggg   300
ggaagacgta cggggagcac aaacgacatc tggagttcag ccatgaccag tacagggagc   360
tgcagaggta cgccgaggag gttgggatct tcttcactgc ctctggcatg gatgagatgg   420
cagttgaatt tctgcatgaa ctgaatgttc cattttttcaa agttggatct ggagacacta   480
ataattttcc ttatctggaa aagacagcca aaaaggggc tggcacagtg ttttaagaga   540
tgtctgtgga gttcagttga atgatgagac cagcagttgg gatgtgttgg ggagagtcag   600
aacctctaaa gagaaagtgc tgatggtgtt ggtgctggat tactcaggtc gcccaatggt   660
gatctccagt gggatgcagt caatggacac catgaagcaa gtttatcaga tcgtgaagcc   720
cctcaacccc aacttctgct tcttgcagtg taccagcgca tacccgctcc agcctgagga   780
cgtcaacctg cgggtcatct cggaatatca gaagctcttt cctgacattc ccataggggta   840
ttctgggcat gaaacaggca tagcgatatc tgtggccgca gtggctctgg gggccaaggt   900
gttggaacgt cacataactt tggacaagac ctggaagggg agtgaccact cggcctcgct   960
ggagcctgga gaactggccg agctggtgcg gtcagtgcgt cttgtggagc gtgccctggg   1020
ctccccaacc aagcagctgc tgccctgtga gatggcctgc aatgagaagc tgggcaagtc   1080
tgtggtggcc aaagtgaaaa ttccggaagg caccattcta acaatggaca tgctcaccgt   1140
gaaggtgggt gagcccaaag gctatcctcc tgaagacatc tttaatctag tgggcaagaa   1200
ggtcctggtc actgttgaag aggatgacac catcatggaa gaa   1243

<210> 9162
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (29)...(519)
<223> similar to gi3294172 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
        <400> 9162
tttcgtggcg aagttgggcg actggcggat gcaggccttg cggcacgtcg tgtgcgccct    60
gtccggcggc gtggacagcg ccgtggccgc gctgctgctg aggcggagag gttaccaggt   120
gacaggggtg tttatgaaga actgggactc actggatgaa catggggtct gtactgccga   180
caaagactgt gaagatgctt acagagtttg ccagatctta gacatccctt tccatcaagt   240
gtcctacgta aaggagtatt ggaatgatgt gttcaggggc agatgccatt gccacaggtc   300
actatgcaag aacttccctg gaagatgaag aagtctttga gcagaagcac gttaagaagc   360
ccgaagggct tttcagaaat cggtttgaag ttagaaatgc caggtttccc aggatgccct   420
gaggagaacc atcttccctc tggggggatt aacgaaagag tttgtaaaga aaatcgctgc   480
tgagaataga cttcatcatg tgcttcagaa gaaagaggta cgagtgagca gttgcctttg   540
aatagtgcct gtttcccttt cccgactgca tggcacggag cagctggacc tgtgggtccc   600
gcaccacttc cccttctcca ggaccttaca tccaaggcgg gccttgggca tagatggagg   660
agtttgctgg gcgcctacgt cgctcctacc ccgttcaagc accgtcctcc gccgc        715
```

```
        <210> 9163
        <211> 1014
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (234)...(1014)
        <223> similar to gi3880445 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9163
tttttccttt ccttttccct ttctcctttc cctctccata gtgaagctaa tgtactttgc    60
acagtgttag caattatcac ccattcatca ggtattaatt catttcgatc ccaagggcat   120
aggcttgatg tacaataagg agttaaggac tgtgagttct ctgataaggt ttggttatag   180
tcatttctca cttctcaccc tctccaggac tacttccagc aacccagtct cctgccatgt   240
ccgaccccat cacgctgaac gtcgggggga agctctatac aacctcactg gcgaccctga   300
ccagcttccc tgactccatg ctaggcgcca tgttcagcgg gaagatgccc accaagaggg   360
acagccaggg caactgcttc attgaccgtg acggcaaagt gttccgctat atcctcaact   420
tcctgcggac ctcccacctt gacctgcctg aggacttcca ggagatgggg ctgctccgca   480
gggaggccga cttctaccag gtgcagcccc tgattgaggc cctgcaggag aaggaagtgg   540
agctctccaa ggccgagaag aatgccatgc tcaacatcac actgaaccag cgtgtgcaga   600
cggtccactt cactgtgcgc gaggcacccc agatctacag cctctcctct tccagcatgg   660
aggtcttcaa cgccaacatc ttcagcacct cctgcctctt cctcaagctc cttggctcta   720
agctcttcta ctgctccaat ggcaatctct cctccatcac cagccacttg caggacccca   780
accacctgac tctggactgg gtggccaatg tggagggcct gccagaggag gagtacacca   840
agcagaacct caagaggctc tgggtggtgc ccgccaacaa gcagatcaac agcttccagg   900
tcttcgtgga agaggtactg aaaatcgctc tgagcgatgg cttctgcatc gattcttctc   960
acccacatgc tctggatttt atgaacaata agattattcg attaatacgg taca        1014
```

<210> 9164
<211> 1725
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (105)...(1724)
<223> similar to gi485123 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9164
attcgtgcgc cgataatttg gtggcggcgt ccggagggtg ctggtttgtt ctcggtgaac   60
ggcgcgcggg gtctctcctg agtgcgagct acgggacctt cgccatgccg gggatggtac   120
tcttcggccg gcgctgggcc atcgccagcg acgacttggt cttcccaggg ttcttcgagc   180
tggtcgtgcg agtgctgtgg tggattggca ttctgacgtt gtatctcatg cacagaggaa   240
agctggactg tgctggtgga gccttgctca gcagttactt gatcgtcctc atgattctcc   300
tggcagttgt catatgtact gtgtcagcca tcatgtgtgt cagcatgaga ggaacgattt   360
gtaaccctgg accgcggaag tctatgtcta agctgcttta catccgcctg gcgctgtttt   420
ttccagagat ggtctgggcc tctctggggg ctgcctgggt ggcagatggt gttcagtgcg   480
acaggacagt tgtaaacggc atcatcgcaa ccgtcgtggt cagttggatc atcatcgctg   540
ccacagtggt ttccattatc attgtctttg accctcttgg ggggaaaatg gctccatatt   600
cctctgccgg ccccagccac ctggatagtc atgattcaag ccagttactt aatggcctca   660
agacagcagc tacaagcgtg tgggaaacca gaatcaagct cttgtgctgt tgcattggga   720
aagacgacca tactcgggtt gcttttcga gtacggcaga gcttttctca acctactttt   780
cagacacaga tctggtgccc agcgacattg cggcgggcct cgccctgctt catcagcaac   840
aggacaatat caggaacaac caagagcctg cccaggtggt ctgccatgcc ccaggagct   900
cccaggaagc tgatctggat gcagaattaa aaaactgcca tcattacatg cagtttgcag   960
cagcggccta tgggtggccc ctctacatct acagaaaccc cctcacgggg ctgtgcagga   1020
ttggtggtga ctgctgcaga agcaagaacc cacagactat gacttggtcg gaggcgatca   1080
gcttcaactg tcacttcggc tcccatcctg cacacccaca gggctgcagt acagggactt   1140
catccacgtc agcttccatg gacaaggttt acggagctgc cgttttagt ggctctggat   1200
cacaggaaag agtctgttgt ggtcgctgtg aggggggacca tgtctctgca ggatgtcctt   1260
acggacctgt cagcggagag tgaggtgcta gacgtggagt gtgaggtgca ggaccgcctg   1320
gcacacaagg gtatttctca agctgccaga tacgtttacc aacgactcat caacgacggg   1380
attttgagcc aagccttcag cattgctcct gagtaccggc tggtcatagt gggccacagc   1440
ctcggggggag gggcggccgc cctgctggcc accatggtca gagccgccta cccgcaggtc   1500
aggtgctacg ccttctcccc accccggggg ctgtggagca aagctctgca ggaatattct   1560
cagagcttca tcgtgtcact cgtcctgggg aaggatgtga ttcccaggct cagtgtgacc   1620
aacttggaag atcttgaaga gaagaatctt gcgagtggtc gcgcactgca ataaacccaa   1680
gtacaagatc ttgctgcacg gtttgtggta cgaactgttt ggagg   1725

<210> 9165
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (346)...(456)

7590

<400> 9165

```
taattcccgg gtcgacgatt tcgtagctcg ggaccgggag cagcggctct ggcggtcgtg     60
gcggtcggag atccgagagc tctgcttctc tgaaaagcgt gtggctttct ggacttggtc    120
tacacctgac agtcactgga atgctactcc aggccttaga agaaagtgaa actaattta     180
aaggcccctt attctttctg ttacctgcct gctgaagtga aaataaatct ccctgctcct    240
ttattctaaa ctgattttac tttcccatct caaaaacgtg tgcagggagc aggagccctc    300
ctacccgagc cccagctgta ttggaaaccc tcctaagtca gagtgatggg tcaggaatct    360
aggcaagcct gtatggccca atccaacagg agggtatcag tccaatacag gtaggaggta    420
tggaagaagg catgcttatg tcagtttcag gccacccacg agccacgcgg gaaaggattg    480
t                                                                    481
```

<210> 9166
<211> 781
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(482)

<400> 9166

```
tttcgtagcg aacatgctgt gtgggctcag ccgggagacc cctggagagg cggacgatgg     60
gccctactcc aaaggaggca aggacgcagg aggggccgac gtttgcctgg cgtgccgcag    120
acagagcatt ccagaggagt tccgagggat cactgtggtg gagctgatca agaaagaagg    180
cagcacgctg ggcctgacta tctcaggtgg caccgacaag gatggaaagc ccagggtctc    240
caacctgaga cctgggggac ttgcagccag gagtgatctg ctgaacattg gtgactatat    300
tcggtctgtg aacgggatcc acctgaccag gctccgccac gatgagatca tcaccctgct    360
caagaatgtg ggcgagcgcg tggtgctgga gctcctgaga ataacccag gatcatttca    420
aagacagtgg acgtctccct ctacaaggag ggcaatagct ttggctttgt ccttagaggt    480
cagtgaaaga attgcccttg gtattggggc agcaagaaag aggctaatac taattccatg    540
tgtgtgctgt ttggatttga atgtaattta tgtgtatctc agttctgact ttgaagaaca    600
cagggccgtt aaggtaagta ttcagtggga aaatctgcca agcaatgaag taggcttggt    660
tggggagagt gagaggagaa agttgtaccg gaaaatgatg gtgaaagctg ctaccgagac    720
tgagaacaaa gtctggagct tcatagagat cagggaaaag gggaataag gtgagtgtat    780
t                                                                    781
```

<210> 9167
<211> 852
```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (34)...(852)
<223> similar to gi1072198 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

        <400> 9167
ggcggggggcc gggccggagc gggctccaga gacatggggt cgaccgactc caagctgaac   60
ttccggaagg cggtgatcca gctcaccacc aagacgcagc ccgtggaagc caccgatgat   120
gcctttttggg accagttctg ggcagacaca gccacctcgg tgcaggatgt gtttgcactg   180
gtgccggcag cagagatccg ggccgtgcgg gaagagtcac cctccaactt ggccaccctg   240
tgctacaagg ccgttgagaa gctggtgcag ggagctgaga gtggctgcca ctcggagaag   300
gagaagcaga tcgtcctgaa ctgcagccgg ctgctcaccc gcgtgctgcc ctacatcttt   360
gaggacccccg actggagggg cttcttctgg tccacagtgc ccggggcagg gcgaggaggg   420
cagggagaag aggatgatga gcatgccagg cccctggccg agtccctgct cctggccatt   480
gctgacctgc tcttctgccc ggacttcacg gttcagagcc accggaggag cactgtggac   540
tcggcagagg acgtccactc cctggacagc tgtgaataca tctgggaggc tggtgtgggc   600
ttcgctcact cccccccagcc taactacatc cacgatatga accggatgga gctgctgaaa   660
ctgctgctga catgcttctc cgaggccatg tacctgcccc cagctccgga aagttggcag   720
caccaaccca ttggttcagt tcttttgttt cctcggagaa cagacatgcc ctgcccctct   780
tcacctccct cctcaacacc gtgtgtgcct atgaccctgt ggaatacggg atcccctaca   840
accacctgta tt   852

        <210> 9168
        <211> 389
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (200)...(390)
        <223> similar to gi4240173 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters

        <400> 9168
tgcccagcag aacgcagtgc tcagcagaag atggcctgct attcaacagc agagaagaat   60
cccaaagctt gttgggtcag ttttgggggga ctgcattttc atgaaccaga gctgcatcca   120
gcaggttggg gcctgtatgc accctagcca ggatggagtg ggaaggaagt gcgcaattct   180
gactccacaa acacctttgt tgcagagcta ttttgctgca tgtgaggatg agatccctgc   240
catccggaac catgacaagg tcctacagcg tctgtactgc aagacctctc ctctggctac   300
tgggtgctcg tggtgcattt tactcggaga gaggccatca agcagatcga ggtgctgcag   360
cacgtggcca ccaacctggg gcgcagccg   389

                              7592

<210> 9169
<211> 635
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (204)...(637)
<223> similar to gi1136434 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

      <400> 9169
tttcgttgag gagtcacagt tgtgagcaag ttcggtgccg cgggctgggg taggcggcag   60
tggggtccct ggctttgggg cactgggaag atcgcgagtg ggaaggtcct cccgcggtcc   120
tccgggtcat ctttcctcct gaggagcagc atatttcgca tctgccggag attagaatta   180
cttgttattg gtaaatagcc actatggaga ctaaggacca gaagaaacaa agaaagaaaa   240
atagtggacc caaagctgca aagaaaaaga agcggcatct gcaggatctc cagctaggag   300
acgaagaaga tgcctggaag agaaatccca aagcttttgc atttcagtct gctgtgtgga   360
tggctcgatc ctttcacagg actcaggatt tgaagacaaa aaagcatcat attccagtgg   420
ttgatcgaac tccactagag cccccaccaa tagtggtagt ggtgatgggg cctccaaagt   480
tggaaagagc actttgatac aatgcctcat tcggaacttc acccggcaga agttgaccga   540
gatcagaggc cctgtgatga tcgtgtcagg taaaaagctc cgactcacca ttattgattg   600
tgggtgtgac attaacatga tgattgatct ggctg   635

      <210> 9170
      <211> 2072
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (2014)...(360)
      <223> similar to gi5360115 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters

         <400> 9170
tttttttttt ttggcagtga ggactttatt ggggagggtg actttggctt ccagaaaaga   60
gggaaggtgg ggacctagta acaataacca tttattccaa ggaggccctg gccctgaacc   120
cggggttccc acaggaatca gggaggcacc tgagtccccc aggaccaggg catcccaagg   180
catcatggca gctgcgttgt tcaaaaggaa gtttcattga gcttcatctt gggaggtgtg   240
aggggagtgc cgagaccgct ggagggccac ggggctggtg tgggtggccg tcggaggtct   300
ggcccactcc gcaccagttc ctggcaagcg ttccacaaag cttcccccca cccacggccg   360
ccggggcctc aagcctgccg ggggggcttt ggggctcccc acggttggcc agacaaagga   420
ggtgttgctg aaggctgagt ggaggctggt gagggagatg cggggtgagg ggctggggag   480

                                    7593

```
acagccccat gagggagctg aaggagccgg cggggccagc tcacagtgtt ccagctgttc     540
catcagctct tgctccgtca ggccacctgc aggggcctgg ccgaggccgt ccatggcggt     600
ggttaggtcc cacatggcca agctgccgtt ggcctggcca gtgagcaggt agcgccgggg     660
ccgagagccg agccgccggg agccctcgca ctccagcact gtgaaggctg tcgtgggtga     720
gccgtccacg gagcgcacgg agcacacccg ctgcccagta gatgagagac gcacgaagag     780
ctggctggca ctgggcacca ccttctggat gaacacttgc tggtcgtccc gctcaccgta     840
ggggccaatg tcattgccag cactgcagcc gccatgccca tctgccgact ccagagccag     900
gatcttaaag gaagcgagtg gggtggagcc gggctgggtg gaaatcatgc cgcggaagcg     960
agtcacagac catgtccgca cgtggttgtt gtcggcacag actgagatga ggtgcttctc    1020
cgacagcatg atcttggtga cagggctgcg gtgcacagtg aaggtctgga agagctgagg    1080
ccccgagccc acagtctccg ggtgctgcac gatgacccgc acgcccctg agctggtgcc     1140
ataggcgatc tcgatccagt tcccactgtc acctatctcg gagccaccgc cttccgcctg    1200
cagagcccat agcaggatct cgctgccggt ggctgctgcc accatcttgt catgttcacc    1260
caaagcccca ccatgcaccc gggctgtgag cgccagtcgt tcgatgggcc agtccaggcg    1320
ggggctggaa aacaccagct gccagccaga ggcttccttc aacctgtagc agactagaaa    1380
ctgggtatag gccacagcga tccaattatg gtgtccacac accaggcgca ccatccccgg    1440
ctcctcaggt tgtcctgagg gtgagggagg ggttttctca tccagcattc ggcccagcag    1500
ccctgcattg ccaaggttgg ggggcatcgt gttgctccgt cggacagggg ctggccgtcc    1560
tcctagctgc tgaggcccca ctaggctgtg ccggttccgc cgcttcactg ggaacactgg    1620
tggcggcagg taaccattga agaggacgtt tccacaagaa gatcgatcca actcctctcg    1680
aagctgcagg cgacgaacca gaggagtgag cccatagaac tgggcttcat ggaggaggct    1740
ggaaccgtgg acacccctgg gatccaactc tttggtgcgc aggaagttga ggatggggc     1800
gaagactgta gggtccctgt cgatgaagat tgctccggtc tcatctttca gcgtcgagat    1860
gcgtccgctc agaagactgg agaagaagga gtctgggatc caggtgagag tctggcgaga    1920
ggtactgaat ctcttgcctc ccacattcag atggatgact tccccgggag gcccccgact    1980
ggggacccccc tcggctgcag tagccgctgc tgccatggcc cccgggcgag ccgaacgaaa    2040
tcgtggaccc gggaattccg aaccgttcgt ca                                  2072
```


```
<210> 9171
<211> 896
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(897)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (140)...(881)
<223> similar to gi1825574 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters
```


```
<400> 9171
aatcgtggct ggtctgagcg gcgcgcagat ccccgacggg gagtttaccg cgctagtgta      60
ccggctcatc cgcgatgccc gctacgccga ggcggtgcag ctgctgggcc gagaactgca     120
gcggagcccc aggagccgtg ccggcctgtc gctgctaggc tactgctact accgcctgca     180
ggagttcgcg ctggcggccg agtgctatga gcagctgggc cagctgcacc cggaactgga     240
gcagtaccgc ctgtaccagg cccaggccct atacaaggcc tgcctttatg cggaggccac     300
```

```
ccgggtcgcc ttccttctcc tggataaccc cgcctaccac agccgggtcc tccacctgca    360
agctgctatc aagtacagcg aggggcgatct gccagggtcc aggagcctgg tagagcagct    420
gccgagtagg gaagggggag aggaaagtgg gggcgagaat gagaccgatg gccagatcaa    480
cctgggttgt ttgctctaca aggagggaca gtatgaagct gcatgctcca agttttttgc    540
cgccctgcag gcctcgggct accagcctgg accttttcct tacaacctgg gtttgggctt    600
atttacagca gccgacagta tgcttcagca ctgaagcata tcgctgagat tattgagcgt    660
ggcatccgcc agcaccctga gctaggtgtg ggcatgacca ctnagggcat tgatgttcgc    720
agtgttggca acaccttagt cctccatcag actgctctgg tggaagnctt caaccttaag    780
gcagctatag antaccaact gngcaaacta tgaggcagct caanaagccc tcactggaca    840
tgccacccag gggcagaggg aaggagttgg acccʼtgtgga ccctaacaca accagg        896
```

```
<400> 9172
ggaatcccat ctggagactc gctaagcgtc ccagccgcat ccctcccgca gcgacggcgg     60
cccgggaccc gcgggctgtg aaccatgaac acccgcaata gagtggtgaa ctccgggctc    120
ggcgcctccc ctgcctcccg cccgacccgg gatccccagg acccttctgg gcggcaaggg    180
gagctgagcc ccgtggaaga ccagagagag ggtttggagg cagcccctaa gggcccttcg    240
cgggagagcg tcgtgcacgc gggccagagg cgcacaagtg catacacctt gatagcacca    300
aatataaacc ggagaaatga gatacaaaga attgcggagc aggagctggc caacctggag    360
aagtggaagg agcagaacag agctaaaccg gttcacctgg tgcccagacg gctaggtgga    420
agccagtcag aaactgaagt cagacagaaa caacaactcc agctgatgca atctaaatac    480
aagcaaaagc taaaaagaga agaatctgta agaatcaaga aggaagctga agaagctgaa    540
ctccaaaaaa tgaaggcaat tcagagagag aagagcaata aactggagga gaaaaaaaga    600
cttcaagaaa accttagaag agaagcattt agagagcatc agcaatacaa aaccgctgag    660
ttcttgagca aactgaacac agaatcgcca gacagaagtg cctgtcaaag tgctgtttgt    720
ggcccacaat cctcaacatg ggccagaagc tgggcttaca gagattctct aaaggcagaa    780
gaaaacagaa aattgcaaaa gatgaaggat gaacaacatc aaaagagtga attactggaa    840
ctgaaacggc agcagcaaga gcaagaaaga gccaaaatcc accagactga acacaggagg    900
gtaaataatg cttttctgga ccgactccaa ggtaaaagtc aaccaggtgg cctcgagcaa    960
tctggaggct gttggaatat gaatagcggt aacagctggg gtatatgaga aaatattgac   1020
tcctatctgg ccttcatcaa ctgacctcga aaagcctcat gagatgcttt ttcttaatgt   1080
gattttgttc agcctcactg tttttacctt aatttcaact gcccacacac ttgaccgtgc   1140
agtcaggagt gactggcttc tccttgtcct catttatgca tgtttggagg agctgattcc   1200
tgacctgaac tcatatttaa actctactgc cagggaaatg ctacattatt tttctaattg   1260
gaagtataat tagagtgatg ttggtagggt agaaaaagag ggagtcactt gatgctttca   1320
ggttaatcag agctatgggt gctacaggct tgtctttcta agtgacatat tcttatctaa   1380
ttctcagatc aggtttngaa aagctttggg ggtcttttta gattttaatc cctactttct   1440
ttatggtaca aatatgtaca aagaaaaag gtcttatatt cttttacaca aatttataaa   1500
taaattttga actccttctg tataaatggg tcatttttat ttttaatgaa aagttattgg   1560
ggttttctct cttgaagggt ctcattttaa ttcccttttc caggccgtat agatcaaata   1620
```

```
tagtactgtc attactgttg gctcttgttt tggtcttgac ttactaatag tgttaccctg    1680
attttcagag ggggacagtt tatctccaga aaggccaatg tttgtataca catcagctag    1740
actgtatt                                                             1748
```

```
          <210> 9173
          <211> 748
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (115)...(660)
          <223> similar to gi2384956 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters
```

```
          <400> 9173
tttcgtgcgg cgactgcagc agcgaagggg aatgggggcg gcggtggcag ggccggggcc     60
ggggacgcca gcggcacgcg gaagaagaag ggcccggggc ccctggccac ggcgtacctg    120
gtcatctaca atgtggtgat gacagccggg tggctggtta tagcggttgg tctggtccga    180
gcatacctgg ctaagggtag ctaccatagc ctttattatt caattgaaaa gcctttgaaa    240
ttctttcaaa ctggagcctt attggagatt ttacattgtg ctataggaat tgttccatct    300
tctgttgtcc tgacttcttt ccaggtgatg tcaagagttt ttctaatatg ggcagtaaca    360
catagcgtca aagaggtaca gagtgaagac agtgtccttg tttgttattg catggacgat    420
cacggaaatc atccgttact cctttttatac attcagtcta ttaaaccatc tgccttacct    480
catcaaaagg gccaggtaca cacttttcat tgtgctgtac ccaatgggag tgtcaggaga    540
actgctcaca atatatgcag ctctgccctt tgtcagacaa gctggcctat attccatcag    600
tttacccaac tctacaaaaa aaattttttt aattagccag gtatggtggc atatgcttgc    660
agtctcagct gacgctaagg cggcagaaat gcctgctgta cttaagcctg ggccatagag    720
aaggaccttg tctctaaata aataaata                                       748
```

```
          <210> 9174
          <211> 784
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (164)...(787)
          <223> similar to gi3786433 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters
```

```
          <400> 9174
tcggctctgc aggaattcgg cacgagttcc ttgtggctgg agcgcttccc gtagcctcgg     60
```

```
ggaaggagca ggatttatag gaccactaag aggaccccat cctcgtgctg gaggaacagg    120
aacctctttc acgagctata aaagaaaggg aggaatcatg tccacaattg cagctttcta    180
tggcggcaag tccattctca tcacggtggc cacaggcttt ctgggcaaag agctgatgga    240
gaagctgttt cgcaccagcc cagacctgaa agtcatttac atccttgtga ggcccaaggc    300
tggccagaca ctgcagcaca gggtttttcca gatcctagac agtaagctat ttgagaaagt    360
catagaagtt cgtccaaatg tgcatgagaa gatcagagct atttatgcag atctcaatca    420
gaatgacttt gccatcagca aagaggacat gcaggagctt ctctcctgta caaacataat    480
atttcactgt gcagccactg tacgctttga cgacactctc agacatgctg tgcaacttaa    540
cgtcactgcc acccggcagc tcttgcttat ggctagtcag atgccaaagc tggaagcctt    600
tatacatatc tctactgcct attcaaattg taacctgaag cacatcgatg aagttatcta    660
tccgtgccct gtggagccaa aaaaaatcat tgattccctt gagtgggtta gacgatgcta    720
ttattgacga gattacaccc aagctgatca gagattggcc caatatttat acctacacca    780
aggc                                                                784
```

```
        <400> 9175
gggccggccg ccatcgcgca ctggggctcc gggcggctgg gaccggcctg gggtagctgt     60
gcagcaggtg ggtcggtccc ggggatgcag cgcggggggtc agagagcgac cccaacaggg    120
tagacggtct gtgggttctg gcaccacctg agcccactgg gcatctggtc atccctggca    180
cctctccttt ggagccacct tgtccctggc tagacagtca cattttccag tgccgttttg    240
gaaagatgtt gcctttggag aaggcgtttg cctcccccag gagctcccca gccccgccgg    300
atctgcccac gccggggtca gcagccggag tccagcagga agaacccgag accatccctg    360
agaggacccc tgctgacctg gagttctccc gcctgcgttt ccgggaattt gtctacccag    420
gaggctgccg ggccccacca gaccctggcc cggctgcatg agctgtgccg ccagtggctg    480
atgcctgagg cgcgctccaa ggagcagatg ctggaagctt gctggtgctg gagcagttcc    540
tggcatcctg cctgataagg tccggccctg ggtggtggca cagtaccctg agagctg       597
```

```

```
    <400> 9176
ggctggagtc acatggcaga tttgcatttta aaataaggtt actagaaagg gggcaggcat   60
gggcagagtt ctgtccggct ctggagcagg agatggtgtc ccgggctcgt gtgtggtggt   120
gatggtcagg agccagggcc agcagcaccc catgtggacc cgagagggca gtatgacaag   180
aggaggcaca gggtttattt atcgtagtac aggaaatatt ttgtcagccg gggcttatta   240
catgaaggat gtgttgtact ttctggtcac cttacattga ttataaaaaa tattacatat   300
aaaatataaa gacttacagc taggtagcat gtgtatcatc tgtgtcataa aactccttat   360
aagaaggtgc tgtgtatata acatcctgtt tccataaccg cacatacagc agcaaggaga   420
tctttgtgag tgatccattt aaacacgttc ttgataattt tgagtttttt ttctcatttt   480
agctaatgta tgtgttgtga agttagaagg tacccttat ctttgtaaaa ctgatgaagt   540
gggagaaata tgcgtcagtt ccagtgcaac tggcacagcg tactatggat tgcttggaat   600
cacgaaagga tgtgtttgag gcagttccgg tcaccacagg aggagcaccc atctttgaca   660
ggccattcac caggacaggc ctgctgggct tcatcgggcc tgacaacctg gtcttcatcg   720
tgggcaaact ggacgggctg atggtcactg gagttcgcag acacaatgca gatgacgttg   780
tggccaccgc actggccgtg gagcccatga agtttgtcta cagaggcagg tgatgcgctg   840
cggaccccca cgccgggagt agattccttc atttgcagct cgggaagtct ttgtgcagta   900
gatggaaagc ccagcaaact tgaattcaca aagcctaaaa attgttgtac atcagaaaac   960
tcctaaagta aaaggaaaat atttgcagca aaaa   994
```

```
    <210> 9177
    <211> 1771
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> misc_feature
    <222> (1396)...(1774)
    <223> similar to gi189272 in the genepept database release 114,
        Run with FASTXY 3.3t00, default parameters
```

```
    <400> 9177
cctccttgcc ttctgccatg attgtgaggc ttccccagcc acatggaact attattttca    60
tgatgcacta ggatgaagca caccctttct cctagtcttg aggaaacgtc gatattcaga   120
atatttaaac gcaggcactg accaatcaga agagtttctg ccaacgttc cacacttgag    180
ggaaatgaca ttatctgagc cctgaagaaa aacgttgtag atattctcca gatcaaagca   240
tcgacaggaa gattttagat gttgaagttc gtaatatttc ctaaagcagg ttgtctgcat   300
tcaaaagagc attctattaa agctacctta atttggcgct tatttttctt aatcatgttt   360
ctgacaatca tagtgtgtgg aatggttgct gctttaagcg caataagagc taactgccat   420
caagagccat cagtatgtct tcaagctgca tgcccagaaa gctggattgg ttttcaaaga   480
aagtgtttct attttctga tgacaccaag aactggacat caagtcagag gttttgtgac    540
tcacaagatg ctgatcttgc tcaggttgaa agcttccagg aactgaattt cctgttgaga   600
tataaaggcc catctgatca ctggattggg ctgagcagag aacaaggcca accatggaaa   660
tggataaatg gtactgaatg gacaagacag ttagtcatga aagaagatgg tgccaacttg   720
tatgttgcaa aggtttcaca agttcctcga atgaatccaa gacctgtcat ggtttcctat   780
cctgggagca ggagagtgtg cctatttgaa tgacaaaggt gccagtagtg ccaggcacta   840
```

```
cacagagagg aagtggattt gttccaaatc agatatacat gtctagatgt tacagcaaag      900
ccccaactaa tctttagaag catattggaa ctgataactc cattttaaaa tgagcaaaga      960
atttatttct tataccaaca ggtatatgaa aatatgctca atatcactaa taactgggaa     1020
aatacaaatc aaaatcatag taaaatatta cctgttttca tggtgctaat attacctgtt     1080
ctcccactgc taatgacata cccgagactg agtaatttat aaataaaaga gatttaattg     1140
actcatagtt ccacatggct ggggaggtct tgcaatcatg acagaaggca aatgggaagc     1200
aaagtcatgt cttatgtggt ggcaggcagg gggacttgtg cacaggaact cctatttata     1260
caaccatcag atatcttgag acaagaacag tatggggctc cctggtgtga ttccgtcctg     1320
cgcggctgtt ctctggagca gcattcattt atcttcgtct gccttgtctc ctacctaagt     1380
gtgtgtcgcc acccgatgga agattcgatg gacatggaca tgagccccct gaggccccag     1440
aactatcttt tcagttgtga actaaaggcc gacaaagatg atcactttaa ggtggataat     1500
gatgaaaatg agaccagtta tctttaagaa cggtcagctc aggggctggt gcaaaggatg     1560
aactgcacat tgttgaagca gaggccatga atgacgaagg cagtccaatt aaagtaacac     1620
tggcaacttt gaaaatgtct gtacagccaa cggtttctct tgggggcttt gaaataacac     1680
caccagtgga cttaaggttg aagtgtggtt cagggccagt gcatattatt ggacagcact     1740
tagtagctgt gaaggaaggt gcagagtcag a                                    1771
```

<210> 9178
<211> 687
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (263)...(687)
<223> similar to gi347906 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9178
```
tttcgtcgtg gagtgacggt cccacggcag cgcggcctgg ctctatcacc caggatggag       60
tgcagcatga tctcttctaa ctgcagcctc gacctcctgg gcttaagcga tcctcctacc      120
tcagcttcct gtgtagctgg gaccacaggc gtgagccacc aagtcggaca agattgactt      180
ctaaagactc ttggtatgtg aggaagaaac ctggaagagg aagaggaaag caaaggagtc      240
agggatggct cttcctcagg gtctattgac attcagggat gtggccatag aattctctca      300
ggaggagtgg aaatgcctgg accctgctca gaggactcta tacagggacg tgatgctgga      360
gaattatagg aacctggtct ccctggagtt gtcaggggag tgtccattgg cagcacctgc      420
ctcctgagtg tctcccaggc catcaccatc agccccagga gctcaggtgg gcagagctta      480
aagggaacgc ccccaagcac gctggctcct gtgtgttcct cagctggctc ctccctggtc      540
aatatcattg ttctcatgca cgtgaccggc aagtggagca acaaaaatac cacgaagaca      600
aaagatctgg gatactgttc tgctgctgat cacgaggaca ccagagagtc gctgacgcgg      660
cactgctgtc cttccctgat gtgatct                                          687
```

<210> 9179
<211> 1794
<212> DNA
<213> Homo sapiens

7599
```

```
<400> 9179
tttcgtccgg tgtgctagga gatgatcggg gaaagcatag tcccctgtct gtggcaccag    60
acactcccga ctgtgcgctg actctccccg cccagccagc agccttttcc agagaggctg   120
tggtccatag cctctgttcg ttttcactgc aggaccaggc acgaaagtta aaacaaaatg   180
aagatttttt ctgaatctca taaaacagtg tttgttgtgg atcactgccc ttatatggca   240
gaatcttgca ggcagcatgt cgagtttgat atgctggtga agaatagaac ccaaggaatc   300
attcctttgg cccccatatc taaatcattg tggacttgct cagtagaatc ttccatggaa   360
tattgtagaa taatgtatga tatatttcct ttcaaaaagc tgatccggaa actgaggtga   420
attttattgt gagtgactct ggagcacatg tttttaaattc ttggactcaa gaagaccaaa   480
atttacagga gctaatggca gcattagccg ctgttgggcc tcctaatcct cgggcagatc   540
cagagtgctg cagtattctg catggccttg ttgcagcagt ggaaactctc tgcaaaatta   600
ctgaatacca acatgaggct cgtactctac tcatggagaa tgcagaacgt gttggaaata   660
gaggacgaat aatctgtatt actaatgcaa aaagtgatag tcatgtgcga atgcttgaag   720
actgtgtcca ggaaacgatt catgaacata acaagcttgc tgcaaattca gatcatctca   780
tgcagattca aaaatgtgag ttggtcttga tccacaccta cccagttggt gaagacagcc   840
ttgtatctga tcgttctaaa aaagagttgt ccccggtttt aaccagtgaa gttcatagtg   900
ttcgtgcagg acggcatctt gctaccaaat tgaatatttt agtacagcaa cattttgact   960
tggcttcaac tactattaca aatattccaa tgaaggaaga acagcatgct aacacatctg  1020
ccaattatga tgtggagcta cttcatcaca aagatgcaca tgtagatttc ctgaaaagtg  1080
gtgattcgca tctaggtggc ggcagtcgag aaggctcgtt taaagaaaca ataacattaa  1140
agtggtgtac accaaggaca aataacattg aattacacta ttgtactgga gcttatcgga  1200
tttcacctgt agatgtaaat agtagacctt cctcctgcct tactaatttt cttctaaatg  1260
gtcgttctgt tttattggaa caaccacgaa agtcaggttc taaagtcatt agtcatatgc  1320
ttagtagcca tggaggagag attttttttgc acgtccttag cagttctcga tccattctag  1380
aagatccacc ttcaattagt gaaggatgtg gaggaagagt tacagactac cggattacag  1440
attttggtga atttatgagg gaaaacagat taactccttt tctagacccc agatataaaa  1500
tcgatggaag tcttgaggtc cctttggaac gagcaaaaga tcagttagaa aaacataccc  1560
gttactggcc tatgatcatt tcacaaacca ccattttaa catgcaagcg gtagttccat  1620
tagccagtgt tattgtgaaa gattctctga cagaagaaga tgtgttaaac tgtcaaaaaa  1680
caatatacaa cttagttgat atggaaagaa aaaatgatcc tctacctatt tccacagttg  1740
gtacaagagg aaagggcct aaaagagatg ancaataccg tatcangtgg aatg         1794
```

<221> misc_feature
<222> (243)...(1056)
<223> similar to gi3327086 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

        <400> 9180
tagcggttcc ctcgtggctc tgcgcggagg tccgcctcct cccttccctc ccccatcccg   60
cgcgctgcct ccgcctcctt cttctgcctc caccctcaac ccccatcccc gcctgacggg   120
agctagccct cagtccgccc gagctgtggt tgtgggcgcc ggacaagtcc aaggcgcctc   180
ctcccaatat ggacagccgc tacaacagca ctgcgggcat cggggacttg aaccagctga   240
gcgctgccat cccggccacg cgggtggagg tgtccgtgtc ctgcagaaat cttcttgaca   300
gagacacatt ttctaaatct gatccaattt gtgtcttata tgtacaagga gttggaaata   360
aagaatggag agagtttgga agaactgaag taattgataa tactttaaat cctgattttg   420
taagaaagtt tattctggac tacttttttg aagaaagaga gaatcttcgt tttgacttgt   480
atgatgttga ttcaaagagc cccaacttat ccaaacatga ctttctggga caagtgtttt   540
gtacattggg agagatcgtt ggttcacagg gaagtcgcct ggaaaaacca atagtaggaa   600
ttccagggaa gaaatgtggt acaatcatac ttacagcaga ggaattaaac tgttgcaggg   660
atgccgtttt gatgcaattt tgtgcgaaca aattggacaa gaaggacttc tttggaaaat   720
cagatccttt ccttgtattt tatcgaagta atgaagatgg cagtttaca atttgtcaca   780
agacagaagt tgtcaaaaac actctaaatc cagtatggca agcattcaag atctcagtca   840
gagcattatg taatggagac tatgacagaa caatcaaagt agaggtgtat gactgggacc   900
gagatggaag tcatgatttc attggagaat ttacaacaag ctatagggaa ctttctagag   960
ggcagtcaca attcaacgta tatgagagtg cttgttcctc aaattatctg gaagaattgc 1020
ggaattcttc aaatctcaag atcaaacatt acctttctcc tccaaacaac ctgctccata 1080
tttaatagaa taaccattga accatctgaa aaatttgtga tcttgccagt gacgcccaac 1140
atccttactg gtgcatgttt tcctgtagaa tttgttcaat tagggctttc tgaaatacac 1200
aataaataat acgtggaatg aaa   1223

        <210> 9181
        <211> 1016
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (458)...(1013)
        <223> similar to gi2565057 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

        <400> 9181
cgtagtttgg atcctctaca gcggccgcgg cgcgggggtc cagggacacc ggagagccct   60
aggcggcact aggggttctc cgtccccaaa gagccagccg gggtggcgcg agcctagcga   120
taaggcaccg ggagcgagga atgtgcccat cctcaggccg tgtcccagaa gcttttgttg   180
acaattccag tttccgaaca aaacatttcg gcaatggtga gggcttcgat cccttctctg   240
atttgctgtc agccatgaac ggatggatgt gatgcctgct agccaaaagg cttccctctg   300
tgtgttgcag tcctgtggca ttatgcatgc cccctcccag tgaccccagg ctttttatgg   360
ctgtgagaca cgttaaaatt tcaggggtaa gacgtgacct tttgaggtga ctataactga   420

                        7601

```
agattgcttt acagaagcca aaaaaggttt ttgagtcatg atgcaagaat ctgggactga      480
gacaaaaagt aacggttcag ccatccagaa tgggtcgggc ggcagcaacc acttactaga      540
gtgcggcggt ctttcgggag gggcggtcca acggagagac gccggccgtg gacatcgggg      600
cagctgacct cgcccacgcc cagcagcagc agcaacaggc acttcaggtg gcaagacagc      660
tccttcttca gcagcaacag cagcagcaag ttagtggatt aaaatctccc aagaggaatg      720
acaaacaacc agctcttcag gttcccgtgt cagtggctat gatgacacct caagttatca      780
ctccccagca aatgcagcag atcctccagc aacaagtgct gagccctcag cagctccagg      840
ttctcctcca gcagcagcag gccctcatgc ttcaacagca gcagcttcaa gagtttttata     900
aaaaacaaca ggaacagttg cagcttcaac ttttacaaca acaacatgct ggaaaacagc      960
ctaaagagca acagcaggtg gctacccagc agttggcttt tcagcagcag cttttg         1016
```

<210> 9182
<211> 887
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (356)...(886)
<223> similar to gi1613848 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
        <400> 9182
gaggcgctgg agctatgggt ccgaaccgcg gtgtctgaac ccagaaggtc acctcatcct       60
aacccgaatc ctgaagcagc gagagagcgg cgactgttca caggtctgca gcccggaccc      120
ggcgtcggga cactgaggcg ttcgcgggag aggcatcatc tggctgcaaa gaagagaaca      180
cactgtgttt gagggaggag gaaggaggat cagagtttaa actcctgcca taatgcagca      240
gggcactgtg gcatttgaag atgtggctgt gaacttttcc caggaggagt ggagtctcct      300
tagtgaggtt cagagatgcc tttaccatga cgtgatgctg gagaactggg tacttatatc      360
ctccctgggt tgttggtgtg gatcagaaga tgaggaggca ccttctaaga agagcatttc      420
tatacaaaga gtgtctcagg tcagcactcc tggggcaggt gtgtctccca agaaggctca      480
ctcttgtgaa atgtgtggcg cgatcttggg agacattttg cacttggcag atcatcaggg      540
gacacatcac aagcagaaac tgcacaggtg tgaggcatgg gggaataaat tgtatgatag      600
ttcaaaccgt ccgcaccaga atcagtacct tggagagaaa ccctatagaa gcagtgttga      660
ggaagcattg tttgtgaaga ggtgtaagtt ccatgtgtca gaggagtcat ctatcttcat      720
tcagagtgga aaggactttt tgcccagctc aggattactg ctgcaggagg ccactcacac      780
tggggagaag tcaaacagca aacctgagtg tgagtctccc tttcagtggg gagatactca      840
ttacagctgt ggagaatgca tgaaactttc tagcacacga aatcgtt                    887
```

<210> 9183
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<400> 9183

```
tttcgtaaca acagccgcca ccacagcagc ctgatgccca tcagcagctt ccccccagcg      60
cccccaactc gggggtggcc ctgccagccc ttgtgcccgg gctgccaggg acagaggcca     120
gcgcgctgca acacaagatc aagaactcca tctgcaaaac tgtacaatct aaagtggact     180
gcattttgca agaagttgag aagtttacag acctagagaa actctacctc taccttcagc     240
tgccttctgg tctcagcaat ggagagaaaa gtgatcagaa tgccatgtca tctagtcggg     300
cacaacaaat gcatgccttt tcctggattc ggaataccct agaggaacat ccggagactt     360
cactgcccaa acaggaagtc tatgatgagt acaagagcta ttgtgacaat cttgg         415
```

<210> 9184
<211> 724
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (96)...(701)

<400> 9184

```
aggatctatt ttatgatgct gcgattattt gccttatttg aaagtcatat caaaaatatc      60
atctctgaat ataagtcagc aatccagagt cagaagagga gaaggccacg gtacagaaaa     120
cgtctaagaa gcagcagcag ttcattatct agtagtggag cacctagtcc aaaagggaag     180
cagaaacaaa tgaagttgca gcctaaaaat gaccagaata cctcagtatc tcatgccagg     240
actagctctc ctttctcatc tcctgtttca gatgctgctg aagggctttc actatatcta     300
cttgatgatg agccagatgg gccattttct tcatcgagct tcggtggata tagccgaagt     360
ggaaatagcc atgacccagg gaaagccaaa tcatttcgga atagagtttt gccagttaaa     420
caagatcact cccttgatgg accccttaca aatggtgatg gcagagagcc ccggacagga     480
atcaagagaa aactacttag tgcatcagaa gaagatgaaa acatgggagg agaagataaa     540
gagaaaaaag aaacaaaaga gaaatctcat ttatccacct cagagagtgg agagttagga     600
tccagtttaa gttctgaaag tacctgtggt tctgactctg actctgaatc aacttccaga     660
acacatcaag attacgtaga tggagaccat gaatatagca aattcataca aaccagactg     720
tatt                                                                  724
```

<210> 9185
<211> 1049
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (702)...(1051)
<223> similar to gi5764665 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

        <400> 9185
ccagcgtggt ggaattccag ggaatgcacc aggtgtgatc cttaaagtcg agggactttt   60
catctttcaa aatgcattcg ttggccaggt gtggtggctc acgcctgtaa tttcagcact   120
ttgggaggcc gaagtgggca gatcacctga ggtgaggagt tcaagaccag cctggctaac   180
atggtgaaac cccatctcta ctaaacaaac aaaaattagc cgggcatggt ggtgcacacc   240
tgtaatccca ggtactcagg aggctgaggc aggagaatca cttgaacccg ggaggcggag   300
gttgcagtga gtcgagatca taccactgca ctacagcctg ggcgacagag caagattcca   360
tctcaaaaaa aatgcattct tcttctctta tctttgtcca tgacataagc aggacagctt   420
aagttataga gggaggacgt gaagcccaga gaaagatggg acttgcctga ggtcacacag   480
caggtcacag aactgtggtg gggacctggc tgtgctgcct ccagcctctc tgctgtagca   540
cacctaccct tcactgttcc aaggagagct cgacctcaaa ggtgttagtg ctttggggtc   600
aaggctgcct tggggttcaa tcctgtggct gtgccccctc agcctttttt cttcccgtcc   660
ccaggtgtgc cacggaccac aatgtggaca acaccacaga gatgctgcag gagtggctgg   720
cggctgtggg cgatgactat gctgctgtgg tctggaggcc tgagggcgag cccaggttct   780
acccagatga agagggtccc aagcactgga ccaaagaaag gcaccagttt ctgatggagc   840
tgaagcagga agccctcacc tttgccagga actggggggc cgactatatc ctggagccac   900
gctgggtctc tggcaggacc actcagtgaa ctccttgggg ggctgcagcc caggcagggc   960
tggagcctgt gacgtcccct cctcaaagtt tgcagacaca gacaacattc tgaccaacaa   1020
tcagactctg cggcttctca tggggcagg   1049

        <210> 9186
        <211> 773
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (107)...(674)
        <223> similar to gi1136404 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters

        <400> 9186
cccagggacc cctggcccag cctccccacc tgccttccct gccaaggacc ccgatccacc   60
ctactccgtg gagacccct atggctaccg cctggacctg gacttcctca agtacgtgga   120
tgacatcgag aagggccaca cgctgcgacg cgtggcagtg cagcgccgcc ccgcctgag   180
ctcgctgccc cgtggccctg gctcctggtg gacgtccact gagtcgctgt gctccaatgc   240
cagtggggac agccgccact cagcctattc ctactgcggc cgtggcttct accctcagta   300
tggtgctctg gagacccgcg gtggcttcaa tccgcgggtg gagcgcacgc tgctggatgc   360
ccgtcgccgt ctcgaggacc aggcggtcac acccaccggc ctgggctccc tgaccccag   420
tgcggccggc tcgacagcct ccctggtggg cgtggggttg ccaccccctg acaccacgga   480

```
gttcaagact gtccacaccg gtgcctccca gtgccgggca cctggctcac gtgcgggagc     540
agatggcggg tgccctgcgg aagctgcggc agctggagga gcaggtgaag ctgatccctg     600
tgctccaggt gaagctctcg gtgctccagg aggaaaagcg gcagctcaca gtacaactta     660
agagccagaa gttcctgggc caccccacag cgggccgggg tcgcagcgag ctctgcctgg     720
acctccccga tcccccagag gacccagtgg cactggagac ctcgaggtgt ggc           773
```


        <210> 9187
        <211> 977
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (99)...(977)
        <223> similar to gi2895563 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters

        <400> 9187
```
cggccgcgtc gacagacaga cgggagcagt gcttttccta gagtagagta tgctctataa      60
atgtctactg aatgttgact ggtgttggat gtcttgtctc ctcagaatct ctgagctgcg     120
tgcagtgtaa ttcatgggaa aaatcctgtg tcaacagcat tgcctctgaa tgtccctcac     180
atgccaacac cagctgtatc agctcctcag ccagctcctc tctagagaca ccagtcagat     240
tataccagaa tatgttctgc tcagcggaga actgcagtga ggagacacac attacagcct     300
tcactgtcca cgtgtctgct gaagaacact ttcattttgt aagccagtgc tgcgaaggaa     360
aggaatgcag caacaccagc gatgccctgg accctcccct gaagaacgtg tccagcaacg     420
cagagtgccc tgcttgttat gaatctaatg gaacttcctg tcgtgggaag ccctggaaat     480
gctatgaaga agaacagtgt gtctttctag ttgcagaact taagaatgac attgagtcta     540
agagtctcgt gctgaaaggc tgttccaacg tcagtaacgc cacctgtcag ttcctgtctg     600
gtgaaaacaa gactcttgga ggagtcatct ttcgaaagtt tgagtgtgca aatgtaaaca     660
gcttaacccc cacgtctgca ccaaccactt cccacaacgt gggctccaaa gcttccctct     720
acctcttggc ccttgccagc ctccttcttc ggggactgct gccctgaggt cctggggctg     780
cactttgccc agcaccccat ttctgcttct ctgaggtcca gtagcactcc ctgcggtgct     840
gacaccctct ttccctgctc tgccccgttt aactgcccag taagtgggag tcacaggtct     900
ccaggcaatg ccgacagctg ccttgttctt cattattaaa gcactggttc attcactgcc     960
caaaaaaaaa aaacatt                                                   977
```


        <210> 9188
        <211> 641
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (58)...(641)
        <223> similar to gi5052204 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters

                              7605
```

<400> 9188
```
tttcgtctga gacccagaag ggcctgcgct cagctgctct ggcaccccgc tgcagggatg   60
gcctcctggg ctaagggcag gagctacctg gcgcctggtt tgctgcaggg ccaagtggcc   120
atcgtcaccg gcggggccac gggcatcgga aaagccatcg tgaaggagct cctggagctg   180
gggagtaatg tggtcattgc atcccgtaag ttggagagat tgaagtctgc ggcagatgaa   240
ctgcaggcca acctacctcc cacaaagcag gcacgagtca ttcccataca atgcaacatc   300
cggaatgagg aggaggtgaa taatttggtc aaatctacct tagatacttt tggtaagatc   360
aatttcttgg tgaacaatgg aggaggccag tttctttccc ctgctgaaca catcagttct   420
aagggatggc acgctgtgct tgagaccaac ctgacgggta ccttctacat gtgcaaagca   480
gtttacagct cctggatgaa aaagcatgga ggatctatcg tcaatatcat tgtccctact   540
aaagctggat ttccattagc tgtgcattct ggagctgcaa gagcaggtgg ttacaacctc   600
accaaatctt tacttttgaa tgggcctgca aaggatacgg g   641
```


<210> 9189
<211> 806
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(807)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (357)...(806)
<223> similar to gi3213227 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters



<400> 9189
```
tttcgtgccg attcccagaa cacgaagggg ggaaaaaacg cttctaatga tccctcagaa   60
cttgcatatt ttcatacgct tttctggggg gaggcactaa ttggggcgct tttcctttgc   120
gaacttactt atcttaaagt cggagcggaa aataaagcac gcacgcaacc caatttccgg   180
agaaccgaga ttgcgacgaa caaccaggaa gcggctgggt tgagagctgt ccccggttct   240
ccgttctgct ctcggggggca ccttccgggg ttcctaagcc gcggggcccc tcgctgcccc   300
tcgaggccct ttccctgacc taggctttgg cctgggctac tcgttccgga gccgccatgt   360
cgtccgactt cgaaggttac gagcaggact tcgcggtgct cactgcagag atcaccagca   420
agattgcgag ggtcccacga ctcccgcctg atgaaaagaa acagatggtt gcaaatgtgg   480
agaaacagct tgaagaagcg aaagaactgc ttgaacagat ggatttggaa gtccgagaga   540
taccacccca aagtcgaggg atgtacagca acagaatgag aagctacaaa caagaaatgg   600
gaaaactcga aacagatttt aaaaggtcac ggatcgccta cagtgacgaa gtacggaatg   660
agctcctggg ggatgatggg aattcctcag agaaccagag ggcacatctg ctcgataaca   720
cagagaggct ggaaaggtca tctcggagac tagagctgat accaaatagc agtgaacgag   780
caattgtcag agatntgaaa ccttag   806
```

<210> 9190
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (124)...(526)
<223> similar to gi5901864 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


<400> 9190
tttcgtggcg gaacggagga ggaggcggtg gtgtcccggc tgcggggtag gagtccgcgg      60
cagcctccgg gtaagccaag cgccgcgcag tgctgagttc ccgcacgccg cagagccatg     120
gagatcggca ccgagatcag ccgcaagatc cggagtgcca ttaaggggaa attacaagaa     180
ttaggagctt atgttgatga agaacttcct gattacatta tggtgatggt ggccaacaag     240
aaaagtcagg accaaatgac agaggatctg tccctgtttc tagggaacaa cacaattcga     300
ttcaccgtat ggcttcatgg tgtattagat aaacttcgct ctgttacaac tgaaccctct     360
agtctgaagt cttctgatac caacatcttt gatagtaacg tgccttcaaa caagagcaat     420
ttcagtcggg gagatgagag gaggcatgaa gctgcagtgc caccacttgg ccattcctag     480
cgcgagacct gaaaaaagag attccagagt ttctacaagt tcgcaggagt caaaaaccac     540
aaatgtcaga cagacttacg atgatggagc tgcaacccga ctaatgtcaa cagtgaacct     600
ttgagggagc cagcacccctc tgaagatgtg attgatatta agccagaacc agatgatctc     660
attgacgaag acctcaactt tgtgcaggag aaacccttat ctcagaaaaa acctacagtg     720
acacttacat atggttcttc tcgccc                                         746


<210> 9191
<211> 665
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (224)...(667)
<223> similar to gi164921 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


<400> 9191
tttcgtctcc cactgccttt ccttcttccc gcgagtcaga agcttcgcga gggcccagag      60

7607

```
aggcggtggg gtgggcgacc ctacgccagc tccgggcggg agaaagccca ccctctcccg      120
cgccccagga aaccgccggc gttcggcgct gcgcagagcc atggaattct cctggctgga      180
gacgcgctgg gcgcggccct tttacctggc gttcgtgttc tgcctggccc tggggctgct      240
gcaggccatt aagctgtacc tgcggaggca gcggctgctg cgggacctgc gccccttccc      300
agcgcccccc acccactggt tccttgggca ccagaagttt attcaggatg ataacatgga      360
gaagcttgag gaaattattg aaaaataccc tcgtgccttc cctttctgga ttgggccctt      420
tcaggcattt ttctgtatct atgacccaga ctatgcaaag acacttctga gcagaacaga      480
tcccaagtcc cagtacctgc agaaattctc acctccactt cttggaaaag gactagcggc      540
tctagacgga cccaagtggt tccagcatcg tcgnctactt aactcctgga ttccattttt      600
aacatcctga aaggcataca ttgaggtgat ggctcattct gtggaaatga tgctgggtaa      660
gtggg                                                                  665
```

```
        <400> 9192
tttcgttaca gccagagctg ggcggtggcg ggcgctgctg aaggagtctc gctgagctcg       60
aggaggtggc gcgatggagg gactggaaga gaatggaggt gttgtccaag ttggagaatt      120
gttaccttgc aagatttgtg gaagaacatt ctttccagta gcattaaaaa aacatggacc      180
catttgccag aagactgcaa ctaaaaaacg gaagactttt gattcaagca gacagagagc      240
tgaaggaact gatattccaa cagtaaaacc tctcaaaccg aggccagaac caccaaagaa      300
accatctaat tggagaagga aacatgaaga attcattgct accataagag cagctaaagg      360
ccttgatcag gccctcaaag agggtggcaa acttcctcct cctcctccac cttcttatga      420
tcctgattat attcaatgtc catattggtc agaggaagat tccaatggaa aatgcagctg      480
atagacatat aaatttctgt aaagaacagg cagcacgt                              518
```

```

<400> 9193
```
tttcgtaaag gatgggtttc aatgtaatta ggctactgag cggatcagct gtagcactgg   60
ttatagcccc cactgtctta ctgacaatgc tttcttctgc cgaacgagga tgccctaagg   120
gctgtaggtg tgaaggcaaa atggtatatt gtgaatctca gaaattacag gagataccct   180
caagtatatc tgctggttgc ttaggtttgt cccttcgcta taacagcctt caaaaactta   240
agtataatca atttaaaggg ctcaaccagc tcacctggct ataccttgac cataaccata   300
tcagcaatat tgacgaaaat gcttttaatg gaatacgcag actcaaagag ctgattctta   360
gttccaatag aatctcctat tttcttaaca ataccttcag acctgtgaca aatttacgga   420
acttggatct gtcctataat cagctgcatt ctctgggatc tgaacagttt cggggcttgc   480
ggaagctgct gagtttacat ttacggtcta actccctgag aaccatccct gtgcgaatat   540
tccaagactg ccgcaacctg gaacttttgg acctgggata taaccggatc cgaagtttag   600
ccaggaatgt ctttgctggc atgatcagac tcaaagaact tcacctggag cacaatcaat   660
tttccaagct caacctggcc ctttttccaa ggttggtcag ccttcagaac ctttacttgc   720
agtggaataa aatcagtgtc atagggacag accatgtcct ggacctggag ctccttacaa   780
aggcttgatt tatcaggcaa tgagatcgaa gctttcagtg gacccagtgg ttt   833
```

<210> 9194
<211> 559
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (315)...(561)
<223> similar to gil061426 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9194
```
cctccctgct gtgggctggc ctgggaggaa gggggtgggg tgcacttaca tttgcaggtc      60
tttccagccc ctggggcagc ctgattaacc agcttctcca gggccaagct gttgggggtg     120
aggtgcagcc cgaagcagcc agaccagccc ctgagcctcc cgggtgctgg cagctgtcat     180
ggggctaccc tgggggcagc ctcacctagg gctgcagatg ctcctcctgg cgttgaactg     240
tctccggccc agcctgagcc tggagctggt gccctacaca ccacagataa cagcttggga     300
cctggaaggg aaggtcacag ccaccacctt ctccctggag cagccgcgct gtgtcttcga     360
tgggcttgcc agcgccagcg ataccgtctg gctcgtggtg gccttcagca atgcctccag     420
gggcttccag aacccggaga cactggctga cattccggcc tccccacagc tgctgaccga     480
tggccactac atgacgctgc ccctgtctcc ggaccagctg ccctgtggcg acccccatggc    540
gggcagcgga agcgcccca                                                  559
```

<210> 9195
<211> 3556
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2373)...(3467)
<223> similar to gi944913 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9195
```
gtgacaagca ccagttcaag aatgagcagg tgatgtatcg cttccgctcg gacgatggca    60
cctacaaggc ccaaagtgag ctggaggaca tcatgtccaa gggttgtgag gctttactgc   120
cgtcttcaca gcctctacac cccggtgatc aaagtccgtg attacctcct gaagacatac   180
aagtcagtgc ttcccgggag caagctggtg gactggctgc tggctcaggg agactgccag   240
actcgggagg aggcagtggc gctcggcgtg ggtctgtgca caatggctt catgcaccac    300
gtgctggaga agagcgagtt cagggatgag tcccagtact tccgctttca tgctgacgag   360
gagatggagg ggaccagcag caagaacaaa cagcttcgca acgacttcaa gctggtggag   420
aacattctgg ccaagcgcct gctgatcctg ccccaggagg aggactatgg ctttgacatc   480
gaggagaaga acaaggctgt ggtggtgaag tccgtccaga ggggctcgct ggctgaggtg   540
gctggcctgc aggtggggag gaagatctac tccatcaatg aggacctggt gttcctgcgg   600
ccgtttttcag aggtggagtc catcctcaac cagtccttct gctcccgccg ccctctgcgc   660
ctcctggtgg ccacgaaggc caaagagatc atcaaaatcc ccgaccagcc ggacacactg   720
tgcttccaga ttcgtggagc tgccccaccg tacgtctatg ctgtggggag aggctctgag   780
gccatggctg cagggctctg tgctggtcag tgcattctga aggtcaatgg cagcaacgtg   840
atgaacgatg gtgcccctga ggtcctggag cacttccagg cattccggag tcggcgcgaa   900
gaggccctgg gcctgtacca gtggatctac cacacccatg aggatgccca ggaagcacga   960
gccagtcagg aggcctccac tgaggacccc agtggcgagc aggcccagga ggaagcccag  1020
gctgattcag ccttcccact gctgtccctg ggtccccggc tgagcctgtg tgaggacagc  1080
cccatggtca ccctgactgt ggacaacgtg cacctggaac acggcgtggt gtatgagtat  1140
gtgagcacgg caggcgtcag gtgccatgtg ctggagaaga tcgtggagcc ccgcggctgt  1200
ttcggcctca ccgccaagat cctcgaggcc tttgctgcca atgacagcgt cttcgtggag  1260
aactgcaggc ggctcatggc cctgagcagc gccatcgtga ccatgcccca ctttgagttc  1320
cgcaacatct gtgacaccaa gctggatagc attggccaga ggattgcctg ctaccaggag  1380
tttgcagccc aactgaagag cagggtcagc ccacccttca acaagcccc cctggagccc  1440
cacccgctgt gtggcctgga cttctgcccc accaattgcc acatcaacct catggaagtg  1500
tcctaccca agaccacccc ctcagtgggc aggtccttca gcatccgctt tggacgcaaa  1560
ccctccctca tcggccttga cccggagcaa ggccacctga cccccatgtc gtacacccag  1620
cactgcatca ccaccatggc tgctccctcc tggaagtgct tgcctgctgc agagggtgat  1680
ccccaaggcc agggtctcca tgatggcagc ttcgggccag ccagtgggac ccttggtcag  1740
gaagaccggg gcctcagctt cctactcaag caggaggacc gtgagatcca ggatgcctac  1800
ctgcagctct tcaccaagct ggatgtggcc ctgaaggaga tgaagcaata tgtcacccag  1860
atcaacaggc tgctgtccac catcacagag cccacctcgg gtgggtcctg cgacgcatcc  1920
ttggctgagg aggcctcctc cctgcccctg gtcagtgaag agagcgagat ggacaggagt  1980
gaccatgggg gcatcaagaa ggtgtgcttc aaggtggccg aggaggacca ggaggactca  2040
ggccacgaca ccatgagtta tcgcgactcc tacagcgagt gtaacagcaa tcgagactcg  2100
gtcctgtcct acaccagcgt gagaagtaac agctcctact tgggcagcga cgagatgggg  2160
tctggagatg agctgccctg tgacatgcgg atcccatctg acaagcagga caagcttcat  2220
ggctgcctgg agcacctctt taaccaggtg gactccatca atgctctcct caaggggcca  2280
gtcatgagcc gggctttcga agagaccaag catttcccta tgaaccacag cttacaagag  2340
tttaaacaga aagaagagtg tacaatccgt ggccggagcc tgatccagat tagcatccag  2400
gaggacccct ggaacctccc caactccatc aagaccctgg tggacaacat tcagagatat  2460
gtggaagatg ggaagaacca gctgctcctg gccttgctga agtgcacaga cacggagctg  2520
cagctgcgca gagacgcgat cttctgccag gccctggtgg ccgccgtgtg caccttctcc  2580
gagcagctgc tggcggccct gggctaccgc tacaacaaca atggcgagta cgaggagagc  2640
agccgcgacg ccagccgcaa gtggctggag caggtggcgg ccacgggcgt cctgctgcac  2700
tgccagtccc tgctctcgcc agccacagtg aaggaggaac ggaccatgct ggaggacatc  2760
tgggtgacgc tgtcagagct ggacaatgtc accttctcct ttaagcagct ggacgagaac  2820
```

```
tatgtggcca acaccaacgt cttctaccac attgagggca gccggcaggc gctgaaggtc    2880
atcttctacc tcgacagcta ccacttctcc aagctgccct cccgcctgga gggtgggggcc   2940
agcctgaggc tgcacacagc gctgttcacg aaagtgctgg agaacgtgga ggggctgcct    3000
tctccaggca gccaggccgc ggaggatttg cagcaggaca tcaacgcgca gtccctggag    3060
aaagttcagc agtattaccg caaactcagg gcattttacc tggagcggtc taacctgccc    3120
acggatgcca gcaccacggc ggtaaagata gaccagctga tccgccccat caatgccctg    3180
gatgagctct gccgcctcat gaagtccttt gtccacccaa agcctggtgc tgctgggagt    3240
gtgggcgccg gcctcatccc catctcctcg gagctctgct accgcctggg ggcctgccag    3300
atggtcatgt gtggcacagg catgcagagg agcaccctga gcgtgtccct ggagcaggcg    3360
gccatcttgg cacggagcca cgggttgctg cccaagtgca tcatgcaggc cacggacatc    3420
atgcggaagc agggcccaag ggtggagatt ctggccaaaa acctgcgagt caaggaccag    3480
atgccccagg gtgctccgcg cctctaccgc ctctgccagc cgaaaatgaa tggggaccta    3540
tgaacacccc tgtatt                                                    3556
```

<210> 9196
<211> 545
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (173)...(521)
<223> similar to gi2649941 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9196
```
ccgggtcgag ccacgcgtcc ggctggaggc agttgcttcc ctgtagaggg tccggctgcg     60
gccagtattt tgtgtcatga cttctcaaga gaagacagaa gagtatcctt ttgcagatat    120
atttgatgaa gatgaaactg aaaggaattt tttgttgtcc aaacctgttt gctttgttgt    180
atttgggaaa ccaggtgttg ggaaaacaac attagcccgt tacataacac aggcatggaa    240
atgtattcgt gttgaagctt tgccaatttt agaagaacag attgctgctg aaaccgaatc    300
aggagttatg ttgcaatcaa tgttgatcag cggtcaaagc attccagatg aacttgtcat    360
aaagctaatg ttggagaagc tcaactcccc agaagtctgt cactttggtt atattatcac    420
tgaaatacca tcactttcac aggatgccat gactacctta cagcaaatag aattaattaa    480
aaacttaaaa cctgaaacct gatgttataa tcaatataaa aggtgtcctt gactttttaat   540
tgaat                                                                545
```

<210> 9197
<211> 674
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (393)...(676)
<223> similar to gi181840 in the genepept database release 114,

```
        <400> 9197
ctgggccggg gacaagcgtg taggcttcag gtacagggct tcctaagtca agggtttcag    60
gtcgcactgg agaatcattt tgcaagcaga tgtcataggt ctcctcttag actggacggc   120
acgcaaggtc agcgtcagca gatctgaccc taaaaatagg cctctgttgc cagtgggggt   180
ggctgggcgt gcggctgcta catgccccac ggaccagaac ctcccgacgc ggccaggccc   240
cggcacaccc agctgcagaa aggagagaaa atcccttggc tctaaaatga catctggaga   300
agtgaagaca agcctcaaga atgcctactc atctgccaag aggctgtcgc cgaagatgga   360
ggaggaaggg gaggaggagg actactgcac ccctggagcc tttgagctgg agcggctctt   420
ctggaagggc agtccccagt acacccacgt caacgaggtc tggcccaagc tctacattgg   480
cgatgaggcg acggcgctgg accgctatag gctgcagaag gcggggttca cgcacgtgct   540
gaacgcggcc cacggccgct ggaacgtgga cactgggccc gactactacc gcgacatgga   600
catccagtac cacggcgtgg aggccgacga cctgcccacc ttcgacctca gtgtcttctt   660
ctacccggcg gcag                                                     674
```

        <210> 9198
        <211> 1293
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (397)...(939)
        <223> similar to gi5579307 in the genepept database release 114,
          Run with FASTXY 3.3t00, default parameters

```
        <400> 9198
ctttgtcaag agacttggag agagggatgg gcgaggtgtt gggggacaca ggggtgctct    60
agaccctgtg agcactgact ctgcccctct ctcctcttag ctggctccag tgcccagacc   120
caagcccccc actgctcaat ggacaccccc agcccagacc cgttgccttc gcctttgccc   180
ggggaggaag agaaacctct ggccttatct cctcctgttc cccggggccg ccgaggccgt   240
cgtcctgggg gagccacctc ctcaaatcgg acactcaagg cctccctccc tcgcaagcgg   300
ggccgccccc ccaagtcagg gcaggagccc ccactggtgc aggtgcaggg ggtgacagcc   360
ccagtaggca gcagtggcgg gagcgacctc ctcctgatcg atgatcaggg tgtgccctat   420
acggtctctg aaggttcagc ggctgggcct gagggctctg gccccaggaa ggccccacac   480
ttctgcccgg tgtgcctgcg ggccttcccc tacctctccg acctggagcg ccacagcatc   540
tcgcactcag agctgaagcc gcaccagtgc aaggtttgcg gcaagacctt caagcgctcc   600
agccacctgc ggcggcactg caacatccat gccggcctgc ggcccttccg ctgcccgctg   660
tgcccccgcc gcttccgcga ggcgggcgag ctggcgcacc accatcgcgt gcactcgggg   720
gagcgcccgt accagtgccc catctgccgg ctgcgcttta cagaggccaa cacgctccgg   780
cgccatgcga agcgcaagca cccggaggcc atggggggtac ccctgtgtgc accagatcca   840
gggtctgaac cgccgtggga cgaggagggc atcccggcca cagcaggggc cgaggaagag   900
gaggagacag aggggaaagg ggagccggcc tgacccacac ccccggccat cgctccctgg   960
gccaggttta gagcagggag tttggctggt gctgggcctg agccaggggg ccgggacacc  1020
cttgtttccg gtggtcttcc cgttgtggga gcaggtggag ggtggagacc taaactttgg  1080
ggtccagctg ccttcagccc ccctccccca gactaacaga cccttggagg cagggggctgt  1140
```

```
ggaaataaat ctctgcctgc tggctgcctg tgtgtgttcc gtgccgggat gccatcctct     1200
cctgccttca aatgttcttc ctcggctaca ccgtcctgtc gggagtgcgg ggaattgggg     1260
aggaccccac ttgctgtgcc tcatgagcgt ggg                                  1293


        <210> 9199
        <211> 467
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (442)...(468)
        <223> similar to gi1066818 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters



        <400> 9199
accggccgga atccgggcga cccacgcgtc gacactcact acacactcac tcactcacac      60
acctccccca gctcacctcc tccccactcc agcatggccg cctccaccat gtccatctgc     120
tccagcgcct gcaccgactc ctggcaggtg gacgactgcc cagagagctg ctgtgagctc     180
ccctgcggca cccccagctg ctgtgcccca gcccctgcc tgaccctggt ctgcacccca      240
gtgagctgtg tgtccagccc ctgctgccag gcggcctgtg agcccagcgc ctgccaatca     300
ggctgcacca gctcctgcac gccctcgtgc tgccagcagt ctagctgcca gccggcttgc     360
tgcacctcct cccccctgcca gcaggcctgc tgcgtgcccg tctgctgcaa gactgtctgc     420
tgtgtgcccg tctgctgtgg gccttcttca tgctgccagc aggctaa                   467


        <210> 9200
        <211> 1800
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (166)...(1800)
        <223> similar to gi3152662 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters



        <400> 9200
cggacctccc gcgcgccccg cacccgaccg gctcagccgc cggcagcgta acacgcccta      60
cgctcgcttg ctcgccggcc tcagggcagg caggcgggcg cgggagaccc cgccggggcc     120
gagacttggg gcgggcgacg aggaccaggt tacggcctcc tcgccatgtc ctcggcctgc     180
gacgcgggcg accactaccc cctgcacctc ctagtctgga aaaacgacta ccggcagctc     240
gagaaggagc tgcagggcca gaatgtggag gctgtggacc cacgaggtcg aacattattg     300
catcttgctg tttccttggg acatttggaa tctgctcgag tcttactccg acataaagca     360
```

7613

```
gatgtgacaa aagaaaatcg ccagggatgg acagttttac atgaggctgt tgagcactgg      420
cgatcctgag atggtgtaca cagttctcca acatcgagac taccacaaca catccatggc      480
ccttgaggga gttcctgagc tgctccaaaa aattctcgag gctccggatt tctatgtgca      540
gatgaaatgg gaattcacca gctgggtgcc cttggtttct agaatatgcc caaatgatgt      600
ctgtcgcatc tggaaaagtg gtgccaaact gcgcgtcgat atcacattgc tgggatttga      660
aaacatgagc tggataagag ggaggcgtag ttttatattt aagggagaag acaactgggc      720
ggagttaatg gaagtcaacc atgatgacaa agtggtcacc accgaacgct tcgacctttc      780
ccaagaaatg gagcgcctca ctctggactt gatgaagcca aaaagcaggg aagttgagcg      840
gcggctcaca agccctgtca ttaacaccag cctcgatact aaaaatattg cttttgaaag      900
aactaaatcc ggattctggg gctggaggac agataaagca gaagttgtta atggttacga      960
agcaaaggtt tacacagtaa acaatgtgaa tgtgatcacc aaaatacgca cagaacatct     1020
gaccgaggag gaaaaaaaga gatataaagc agacaggaac ccgctggaat ctttgctggg     1080
aactgtggaa caccaatttg gtgcacaagg ggacctcacc acggaatgtg ctactgcaaa     1140
caaccccaca gccatcacgc ctgatgagta cttcaatgaa gagtttgatc tgaaagacag     1200
ggacattgga aggccgaaag agctgacgat tagaacacag aagtttaaag caatgttgtg     1260
gatgtgtgaa gagtttcccc tctctctggt ggagcaggtc attcccatca ttgacctaat     1320
ggctcgaacg agtgctcatt ttgcaagact gagagatttc atcaaattgg aattcccacc     1380
tggatttcct gtcaaaatag aaattccctt gtttcatgtc ttaaatgcac ggattacatt     1440
tggaaatgtt aatggctgta gcactgccga agaatctgta tctcaaaatg tggaagggac     1500
ccaggctgat tcagcttccc acatcacaaa cttttgaggtt gatcaatctg tgtttgaaat     1560
tcccgaatct tactatgttc aagacaatgg cagaaatgtg catttgcaag atgaagatta     1620
cgagataatg cagtttgcca tccagcaaag tctgctggag tccagcagga gccaggaact     1680
ttcaggacca gcttcgaatg gagggatcag ccagacaaac acctatgacg cccagtatga     1740
gagggccatc caggagagcc tcctcaccag cacagaaggc ctgtgcccca gcgccctgag     1800
```

```
      <400> 9201
ctggaagcgt tcaggggagg tttcaccaaa aggagagctc ggggcttgga ggggaaacag       60
cggaagacct aagattatcg ggagggcagc agaggcagag aacgaggaca ggacccttgg      120
ccgtcttctt ccagggaacg agaggtcaca gcctcgctct ccgcttaggc ttctggcgcc      180
ccagcttaaa gccgaggctg cggctgacaa agggctcgcg ccggtgccgc cgcccttctc      240
atccgggcat tcgggtccct gcggagaggg aggggaagg gcagaggggg aggggaagga      300
gccggagggg cgcacacttg gagctgaagc cctctccagg gctccgggcc ggtgccccaa      360
cggacagagg tcgaggagga cccgcagagg tggcagcggc cgggggcagg aggatggtgc      420
agaaggagag tcaagcgacg ttggaggagc gggagagcga gctcagctcc aaccctgccg      480
cctctgcggg ggcatcgctg gagccgccgg cagctccggc acccggagaa gacaaccccg      540
ccggggctgg ggggagcggc ggtggccggg gctgcaggag gggctcggcg gttcctctgc      600
ggtgtggtgg aaggatttta tggaagacct tgggttatgg aacagagaaa agaactcttt      660
agaaggctcc agaaatggga attaaataca tacttg                                696
```

<210> 9202
<211> 1117
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (339)...(1117)
<223> similar to gi6010759 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9202
```
acattagtac agtgcggtgg aattcgcaaa agcagtggaa agatgtggta gaaagagctt      60
gtcaagcaag agctgaagaa gtttgtatcc agatttccaa tgattatgaa gccaaagttg     120
ctatgttatc tggagctttg gaaaatgcaa aagctgagat tcaaagaatg caacatgaaa     180
aagagcactt tgaagattcc atgaaaaaag ctttcatgag gggtgtatgt gcattaaatc     240
ttgaagccat gactatattt caaaacagaa atgatgcagg gatagactcc acaaataata     300
aaaaggaaga gtatggtcct ggtgttcaag gaaaagaaca ttctgctcat ttggatcctt     360
cagctcctcc gatgccctta ccagttacat caccactgct gccatcccca ccagccgccg     420
tcggaggagc cagcgcgact gccgttccct cagctgcttc gatgacttct accagggctg     480
cttccgcatc ttctgttcac gttcctgttt ctgctcttgg tgcaggatct gcagctactg     540
ctgcatcaga agaaatgtat gtgccaagag ttgtaacctc tgcacaacag aaagcaggaa     600
gaactattac agcccggatc acaggaagat gtgattttgc ttcaaaaaat agaattagca     660
gcagtttagc tataatggga gtttctcctc ccatgagctc agttgttgtg gaaaaacatc     720
atccagtcac agtgcaaacc attcctcaag caactgcagc aaaatatccc cggaccattc     780
atcctgaaag tagtacctca gcttccagat cacttggaac cagatcagct cacacccagt     840
ctctcacaag tgttcattcc ataaaagtgg ttgactaaag tgaatatgtc catagtgggg     900
tcttttaatc cctctggtct taccaagggt tagaagtctt ttggtttttaa cttttccata     960
ttgttagaac atcatggaga catcatgttc atctgttcaa aattacaaga ggctttttca    1020
agctctacca tgctttgtaa ctatatgtag aaattatttt aatgttattt tttatttaag    1080
caattaagta aaactttttt aaattaaaaa aaaaaaa                             1117
```


<210> 9203
<211> 1052
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (38)...(1030)
<223> similar to gi3002527 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9203
```
ttttgaaggt aatcatatgc aagtaaatta caatcaaatg gaactgtatg attattttat      60
tattttaatg ctaaactgaa cagtgaactg aaatcagagg agaaagaaaa tcaagctagt     120
ggctcactct caatagtgtc ctctaatttt attgatgctt cagttttcat aaagtgcaat     180
aaacaaaata aataaatgaa aaaagctttg aagatttata tacagttttg aggttaagat     240
aaattactga ctatattcct ttcagccttt taactctgtg aaagctgtaa cgtacattaa     300
aagcacatcg aactaggtta aataatgatc tttccccctt agatcaatct agtattaagg     360
agtatataat tatgcaagtt cattctataa cacgaggcta gactaaaagg aaaatttttg     420
tgctacagac taaatccaga tacggtcagg tgctgagcag tattcctggc ttcaaaatag     480
gaggtatctg tttcatcatc tggctggggg atgaaaggca tagtctgatg ctgcagattt     540
tcccagtcca catcactgaa gagaggatga cgttttagct ctttcattcc agctctcttt     600
gtatcatcaa tggttaaaag tatttctact gcactttgag cattatcaga taacttttct     660
tcaccttctg gccaagggat atctaaaatt atacatatac aaataaactt gtttattact     720
gctcaaaata atagtatcca gagataaatg actacttttt tttgtttttt gagatggagt     780
ttcactcttg tcacccaggc tggagtgcaa aagcgtgatc tcagctcact gcaacctcca     840
cctcccaggt tcaagcgatt ctcctgcttc agcctcccga gtagctggga ttacaggcgc     900
ccgtcaacat gcctggctaa ttttttgtat ttttttttcta gtagagatgg ggttccacca     960
tgttggccag gctggtctcg aactcccgac ctcaggcgat ccacccgcct ggcctccca    1020
aagtgctggg attacaggca tgggccgaat tc                                  1052
```


<210> 9204
<211> 599
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (130)...(599)
<223> similar to gi2911116 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9204
```
ttcgtgtggt ggaattcgag gagcagcagg cctccgggcc cggcgccgcc gcccgcagga      60
catttctgat ttatttgcat ccttgaagag catctgtaga agaggaagta aaagatgggt     120
gtgaaaacat ttactcatag ctcctcttcc cacagccagg aaatgcttgg aaagctaaat     180
atgctgcgaa atgatggaca tttttgtgat atcactattc gtgtccagga caaaatcttc     240
cgggcacata aggtggtact agcagcttgc agtgatttct ttcgcaccaa acttgtaggc     300
caagccgagg atgagaacaa gaatgtgttg gatctgcatc atgttacagt gactggcttt     360
atacctcttt tagaatatgc ttacacagcc actctatcaa ttaacacaga aaatattatt     420
gatgttctag cagcagccag ctatatgcaa atgttcagtg ttgccagcac ctgctcagag     480
ttcatgaaat caagcatttt atggaataca cccaacagcc aacctgaaaa gggtctagat     540
gctggacaag aaaataattc taactgcaat tttacttctc gagatgggag catttctcc      599
```


<210> 9205
<211> 1742
<212> DNA
```

<213> Homo sapiens

<220>
<221> misc_feature
<222> (246)...(1744)
<223> similar to gi951231 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters


<400> 9205
ggagcaatag cagcagccgt ggcggccacg gggcgacggc gcggcggtcg gtgaccgcgg      60
ccggggctgc aggcggcgga gcggctggct tgccaacact tggtgtcaca tgtgagcctc     120
ccacatgtat tcactctcca ttccagctct gtgattgaac tctgctctta ttgactaggg     180
ggcagttggg caggcatgcc tcattcctgg aattgacagt cattcctaat aagaagttgg     240
attccatggg ttccaagaga agaagagcta cctcccttc cagcagtgtc agcggggact      300
ttgatgatgg gcaccattct gtgtcaacac caggcccaag caggaaaagg aggagacttt     360
ccaatcttcc aactgtagat cctattgccg tgtgccatga actctataat accatccgag     420
actataagga tgaacagggc agacttctct gtgagctctt cattagggca ccaaagcgaa     480
gaaatcaacc agactattat gaagtggttt ctcagcccat tgacttgatg aaaatccaac     540
agaaactaaa aatggaagag tatgatgatg ttaatttgct gactgctgac ttccagcttc     600
tttttaacaa tgcaaagtcc tattataagc cagattctcc tgaatataaa gccgcttgca     660
aactctggga tttgtacctt cgaacaagaa atgagtttgt tcagaaagga gaagcagatg     720
acgaagatga tgatgaagat gggcaagaca atcagggcac agtgactgaa ggatcttctc     780
cagcttactt gaaggagatc ctggagcagc ttcttgaagc catagttgta gctacaaatc     840
catcaggacg tctcattagc gaactttttc agaaactgcc ttctaaagtg caatatccag     900
attattatgc aataattaag gagcctatag atctcaagac cattgcccag aggatacaga     960
atggaagcta caaaagtatt catgcaatgg ccaaagatat agatctcctc gcaaaaaatg    1020
ccaaaactta taatgagcct ggctctcaag tattcaagga tgcaaattca attaaaaaaa    1080
tattttatat gaaaaaggct gaaattgaac atcatgaaat ggctaagtca agtcttcgaa    1140
tgaggactcc atccaacttg gctgcagcca gactgacagg tccttcacac agtaaaggca    1200
gccttggtga agagagaaat cccactagca agtattaccg taataaaaga gcagtacaag    1260
gaggtcgttt atcagcaatt acaatggcac ttcaatatgg ctcagaaagt gaagaagatg    1320
ctgctttagc tgctgcacgc tatgaagagg gagagtcaga agcagaaagc atcacttcct    1380
ttatggatgt ttcaaatcct ttttatcagc tttatgacac agttatggag ttgtcggaat    1440
aaccaatggg cagctaatag ctgaaccttt ttaccatttg ccttcaaaga aaaaatacccc   1500
tgattattac cagcaaatta aaatgcccat atcactacaa cagatccgaa caaaactgaa    1560
gaatcaagaa tatgaaactt tagatcattt ggagtgtgat ctgaatttaa tgtttgaaaa    1620
tgccaaacgc tataatgtgc ccaattcagc catctacaag cgagttctaa aattgcagca    1680
agttatgcag gcaaagaaga aagagcttgc caggagagac gatatcgagg acggagacag    1740
ca                                                                    1742


<210> 9206
<211> 1068
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (372)...(1071)
<223> similar to gi5262560 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

```
        <400> 9206
tttttttttt tttagttcca atgtatttat tcttagaaaa gcttccctag aaacatataa        60
agtgtgacat ggcttatgtg tataatccag cccttttgga ggtcaggatg gaagatcgct       120
tgaacctggg agtttgaggt tgcactgagt catgatggca tcactggagg gcagcctggg       180
ccacaggtg agaccctgac tcaaaaggct gatgtggcgg ggcccggcgc ttcgtccaat        240
caggggcgcc tgggcggggc ctgccgagtg tccatcgggg agggcgaagg ccctgctctc       300
ctcggttccc ggctccaggc ggcgagctga ggttgggagc ctggctttcc cctccgagag       360
ggttcaggtg cctctgccat agcttctgtc gcctgtgctg tgacccgcac tggtcgtggg       420
agtcacctga aaggcaagaa atggattcag tggcctttga ggatgtggct gtgaccttca       480
cccaagagga gtgggctttg ctggatcctt cccagaaaaa tctctgtaga gatgtgatgc       540
aagaaacctt caggaacctg gcctctatag ggaaaaaatg gaaaccccag aacatatatg       600
tagagtacga aaatctaagg agaaacctaa gaattgtggg agagagactc tttgaaagta       660
aagaaggtca tcagcatgga gaaattttga cccaggttcc agatgacatg ctgaagaaaa       720
caactactgg agtaaaatca tgcgaaagca gtgtgtatgg agaagtaggc agtgctcatt       780
catctcttaa taggcacatc agagatgaca ctggacacaa ggcatatgag tatcaagaat       840
atggacagaa accatataaa tgtaaatact gtaaaaaacc tttcaactgt ctctcctctg       900
ttcagacaca tgaaagggct catagtggaa ggaaactcta tgtttgtgag gaatgcggaa       960
aaacatttat ttcccattca aaccttcaaa gacacaggat aatgcaccgt ggagatggac      1020
cttataagtg taaattttgt gggaaagcct tgatgtttct cagtttga                   1068



        <210> 9207
        <211> 486
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (351)...(460)
        <223> similar to gi2662157 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters




        <400> 9207
gcctggtatt gccaggccgc cgatttcgta gctcgggacc gggagcagcg gctctggcgg        60
tcgtggcggt cggagatccg agagctctgc ttctctgaaa agcgtgtggc tttctggact       120
tggtctacac ctgacagtca ctggaatgct actccaggcc ttagaagaaa gtgaaactaa       180
ttttaaaggc cccttattct ttctgttacc tgcctgctga agtgaaaata aatctccctg       240
ctcctttatt ctaaactgat tttactttcc catctcaaaa acgtgtgcag ggagcaggag       300
ccctcctacc cgagccccag ctgtattgga aaccctccta agtcagagtg atgggtcagg       360
aatctaggca agcctgtatg gcccaatcca acaggagggt atcagtccaa tacaggtagg       420
aggtatggaa gaaggcatgc ttatgtcagt ttcaggccac ccacgagcca cgcgggaaag       480
gattgt                                                                  486
```

<210> 9208
<211> 834
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (273)...(836)
<223> similar to gi5053022 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9208
tgggaaacga gagccccagc tgctccatgt tggggccgtg ggggctccct aaggagggga   60
caccagggcc ccaatgtttc acagaggggc ggggggcagc gaccctgggc agcatggcct   120
caggctgaag cccgatctgg catttccttg tgctcataat gagaatagtt ctccaattag   180
ccaagatgaa cctcatggac atcaccaaga tcttctccct cctgcagccc gacaaggagg   240
aggaggacac tgacacagag gagaagcagg ctctcaatca agcagtgtat gacaacgact   300
cctatacttt ggaccagctt ttgcgccagg agcgttacaa acgtttcatc aacagcagga   360
gtggctgggg tgttcctggg acacccttgc gcttggctgc ttcttatggc cacttgagct   420
gtttgcaagt cctcttagcc catggtgctg atgttgacag cttggatgtc aaggcacaga   480
cgccactttt cactgctgtc agtcatggcc atctggactg tgtacgtgtg cttttggaag   540
ctggtgcctc tcctggtggt agcatctaca caactgttc tcccgtgctc acagctgccc   600
gtgatggtgc tgttgctatc ctgcaggagc tcctagacca tggtgcaaga aggccaacgt   660
caaaagctaa actaccaagt ctgggcaatc aaacaataag cttcaatgtt cctggccccc   720
tctaatttgg gccgaagtct acgggcacct ggaactgttt cccgcctgct tttgctccaa   780
cggggcaaga accctgacta caaattgcac tgaacaaggg cctattggct cgtg   834

<210> 9209
<211> 3359
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1143)...(3359)
<223> similar to gi4884140 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9209
agccgcctcg agccgacgac agcgagttcc aggcgctgct ggacatctgg tttccggagg   60
agaagccact gcccaccgcc ttcctggtgg acacatcgga ggaggcgctg ctgcttcctg   120
actggctgaa gctgcgcatg atccgttctg aggtgctccg cctggtggac gccgccctgc   180
aggacctgga gccgcagcag ctgctgctgt cgtgcagtc gtttggcatc cccgtgtcca   240
gcatgagcaa actcctccag ttcctggacc aggcagtggc ccacgacccc cagactctgg   300
agcagaacat catggacaag aattacatgg cccacctggt ggaggtccag catgagcgcg   360
gcgcctccgg aggccagact ttccactcct tgctcacagc ctccctgccg ccccgccgag   420
acagcacaga ggcacccaaa ccaaagagca gcccagagca gcccataggc cagggccgga   480

```
ttcgggtggg gacccagctc cgggtgctgg gccctgagga cgacctggct ggcatgttcc    540
tccagatttt cccgctcagc ccggaccctc ggtggcagag ctccagtccc cgccccgtgg    600
ccctcgccct gcagcaggcc ctgggccagg agctggcccg cgtcgtccag ggcagccccg    660
aggtgccggg catcacggtg cgtgtcctgc aggccctcgc caccctgctc agctccccac    720
acggcggtgc cctggtgatg tccatgcacc gtagccactt cctggcctgc ccgctgctgc    780
gccagctctg ccagtaccag cgctgtgtgc cacaggacac cggcttctcc tcgctcttcc    840
tgaaggtgct cctgcagatg ctgcagtggc tggacagccc tggcgtggag ggcgggcccc    900
tgcgggcaca gctcaggatg cttgccagcc aggcctcagc cgggcgcagg ctcagtgatg    960
tgcgaggggg gctcctgcgc ctggccgagg ccctggcctt ccgtcaggac ctggaggtgg   1020
tcagctccac cgtccgtgcc gtcatcgcca ccctgaggtc tggggagcag tgcagcgtgg   1080
agccggacct gatcagcaaa gtcctccagg ggctgatcga ggtgaggtcc ccccacctgg   1140
aggagctgct gactgcattc ttctctgcca ctgcggatgc tgcctccccg tttccagcct   1200
gtaagcccgt tgtggtggtg agctccctgc tgctgcagga ggaggagccc ctggctgggg   1260
ggaagccggg tgcggacggt ggcagcctgg aggccgtgcg gctggggccc tcgtcaggcc   1320
tcctagtgga ctggctggaa atgctggacc ccgaggtggt cagcagctgc cccgacctgc   1380
agctcaggct gctcttctcc cggaggaagg gcaaaggtca ggcccaggtg ccctcgttcc   1440
gtccctacct cctgaccctc ttcacgcatc agtccagctg gcccacactg caccagtgca   1500
tccgagtcct gctgggcaag agccgggaac agaggttcga cccctctgcc tctctggact   1560
tcctctgggc ctgcatccat gttcctcgca tctggcaggg gcgggaccag cgcaccccgc   1620
agaagcggcg ggaggagctg gtgctgcggg tccagggccc ggagctcatc agcctggtgg   1680
agctgatcct ggccgaggcg gagacgcgga gccaggacgg ggacacagcc gcctgcagcc   1740
tcatccaggc ccggctgccc ctgctgctca gctgctgctg tggggacgat gagagtgtca   1800
ggaaggtgac ggagcacctg tcaggctgca tccagcagtg gggagacagc gtgctgggca   1860
ggcgctgccg agaccttctc ctgcagctct acctacagcg gccggagctg cgggtgcccg   1920
tgcctgaggt cctactgcac agcgaagggg ctgccagcag cagcgtctgc aagctggacg   1980
gactcatcca ccgcttcatc acgctccttg cggacaccag cgactcccgg gcgttggaga   2040
accgaggggc ggatgccagc atggcctgcc ggaagctggc ggtggcgcac ccgctgctgc   2100
tgctcaggca cctgcccatg atcgcggcgc tcctgcacgg ccgcacccac ctcaacttcc   2160
aggagttccg gcagcagaac cacctgagct gcttcctgca cgtgctgggc ctgctggagc   2220
tgctgcagcc gcacgtgttc cgcagcgagc accaggggc gctgtgggac tgccttctgt   2280
ccttcatccg cctgctgctg aattacagga agtcctcccg ccatctggct gccttcatca   2340
acaagtttgt gcagttcatc cataagtaca ttacctacaa tgccccagca gccatctcct   2400
tcctgcagaa gcacgccgac ccgctccacg acctgtcctt cgacaacagt gacctggtga   2460
tgctgaaatc cctccttgca gggctcagcc tgcccagcag ggacgacagg accgaccgag   2520
gcctggacga agagggcgag gaggagagct cagccggctc cttgcccctg gtcagcgtct   2580
ccctgttcac ccctctgacc gcggccgaga tggcccccta catgaaacgg ctttccccggg   2640
gccaaacggt ggaggatctg ctggaggttc tgagtgacat agacgagatg tcccggcgga   2700
gacccgagat cctgagcttc ttctcgacca acctgcagcg gctgatgagc tcggccgagg   2760
agtgttgccg caacctcgcc ttcagcctgg ccctgcgctc catgcagaac agccccagca   2820
ttgcagccgc tttcctgccc acgttcatgt actgcctggg cagccaggac tttgaggtgg   2880
tgcagacggc cctccggaac ctgcctgagt acgtctcct gtgccaagag cacgcggctg   2940
tgctgctcca ccgggccttc ctggtgggca tgtacggcca gatggacccc agcgcgcaga   3000
tctcccgagg ccctgaggaa tcctgcatat ggaggccgct gatgtgcacg ctgtggcagc   3060
cgacccccct ccaaagcccc ggcccgtccc gtccccgggg atcctcgagg caaagcccag   3120
gaagcgtggg cgttgctggt ctgtccgagg aggtgagggc gccgagccct gaggccaggc   3180
aggcccagga gcaatactcc gagccctggg gtggctccgg gccggccgct ggcatcaggg   3240
gccgtccagc aagccctcat tcaccttctg ggccacagcc ctgccgcgga gcggcggatc   3300
cccccgggca tggcctgggc tggtttttgaa tgaaacgacc tgaactgtca aaaaaaaaa   3359
```

<220>
<221> misc_feature
<222> (431)...(541)
<223> similar to gi299471 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

        <400> 9210
ctgggaagga cttgggggac tagaggcgag gggagagagc ttgtggaagg tgcggcagag   60
aagggcccag gagaaaggag gaagggaagg agctggaggg gcgggagaac aggagacaga   120
acaggacaga gacagctgcc cgggaggatg ggagaacaga aagagggagg aaacgccgag   180
cactgacctg ggggagggga gtaaagagaa gtgaaggggg attggaaggg aactggagaa   240
tgagagaagc aacaggcggg gtgcgtgtag gagggcggga gagccaatga caagacagaa   300
aaggcagaga aagcaaagca agaccagact cctcatccgg taacactgtg tcaggtcatt   360
gccctcccac cccgccccca accccataac tgaaaacaag taggaacctg gataaaatag   420
tcttaacaat ttttttttg agacggagtc ttgctgtgtt gcccaggctg gagtgcagtg   480
gcgcgatctc ggctcactgc aggctccgcc tcccgggttt aagcggttct cctgccta   538

        <210> 9211
        <211> 815
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (125)...(817)
        <223> similar to gi5825592 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

        <400> 9211
acgcgcgtcg cgagctaacg gactcggcgg cggcggcggc ggcggcctgc gccccacccg   60
caccccatct ggaccgcatc gctgaatgtg cccggacctg cgccttctgg gtctctgaaa   120
gaagatgaat ttggctgaga tttgtgataa cgcaaagaaa ggaagagaat atgcccttct   180
tggaaattac gactcatcaa tggtatatta ccaggggtg atgcagcaga ttcagagaca   240
ttgccagtca gtcagagatc cagctatcaa aggcaaatgg caacaggttc ggcaggaatt   300
attggaggaa tatgaacaag ttaaaagtat tgtcggcact ttagaaagtt ttaaaattga   360
caagcctcca gatttccctg tgtcctgtca agatgaacca tttagagatc ctgctgtttg   420
gccacccct gttcctgcag aacacagagc tccacctcag atcaggcgtc ccaatcgaga   480
agtaagacct ctgaggaaag aaatggcagg agtaggagcc cggggacctg taggccgagc   540
acatcctata tcaaagagtg aaaagccttc tacaagtagg acaaggact atagagcaag   600
agggagagat gacaagggaa ggaagaatat gcaagatggt gcaagtgatg gtgaaatgcc   660
aaaatttgat ggtgctggtt atgataagga tctggtggaa gcccttgaaa gagacattgt   720
atccaggaat cctagcattc attgggatga catagcagat ctggaagaag ctaagaagtt   780
gctaagggaa gctggtgttc ttccaatgtg gatgg   815

                                        7621

```
<210> 9212
<211> 530
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (95)...(530)
<223> similar to gi5262560 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


        <400> 9212
tttcgtgcat tcctgccgtc acctttgtcg ctgcgagggc ggcggttggg atctggcctt      60
tccagccccg agagggacct agtgcctcta cccagatttc tgtcgctctg tcacctgcgc     120
tatgccctgc tttactcaca ggagctgtag agaggacccc ggtacatctg aaagccggga     180
aatggaccca gtggctttta aggatgtggc tgtgaacttc acccaggagg agtgggcttt     240
gctggatatt tcccagagga aactctacaa ggaagtgatg ctggaaactt tcaggaacct     300
gacctctgta ggaaaaagtt ggaaagacca gaacattgaa tatgagtacc aaaaccccag     360
gagaaacttc aggagtctca tagaagagaa agtcaatgaa attaaagatg acagtcattg     420
tggagaaact tttacccagg ttccagatga caggctgaac ttccagaaga agaaagcttc     480
tcctgaagta aaatcatgtg acagctttgt gtggtgaagt tgggctaggt             530




<210> 9213
<211> 1054
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1055)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (371)...(1055)
<223> similar to gi2909779 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


        <400> 9213
ctttactgta gaactggggt cgtggtgaga ttcgttggtg gctgcgcgat tgtggcggag      60
ttgcaagcaa acnggggtttc atcaccttaa atggttttga accaaagaag ctgtattccc     120
ttaaaaagac ggacaaccca tcgtgtgaac tatagagttt gtgaacaaat ttatattggg     180
ttcatagtgg cgtcatgcac gcagactcct gcgagttccc ctaagttctt agaggactgc     240
tttgcctttt gatctgagag ttgcaaagtt ccctaaagaa tggcccttgt ggataagcgc     300
taagtcaaga gacagcgatt ggacagaatt tgtgaggaat tcgtccccag atcatgaaag     360
```

7622

```
tcaccctgaa ccccgcctcg tggtggctct gctggatgga cgggactgca ctgtggacat   420
gcccatcctg aaggacctgg ccacctggcc ttctgtgagg ctcagtccat gcaggagatc   480
cacgagaaag ttctaaacga agtcgtgggc gccatgatgt accacacctt ctccctcacc   540
agggaggacc tggaaaattt caaggccctg agagtgatcg tgcaggtggc cagtggctac   600
gacaacgtgg ccatcaaggc tgctggcgag ctcgaaattg ctgttgcagc atcccgtctg   660
cagccgtgga agagacagcc gactccacca ccggccacat cctcaatctg tactggggga   720
acaggtcgct gtaccaggca ctgagggaag gcacgcgagt tcagagcatg gagcagattg   780
gcgaggtggc ctcagtaaag gcccgcattc gtggggagat attgggcctc atcggcttcg   840
gtcgcacgca gcaggaggtt gcagttcgag ccaaggcctt tgcaggatgg gatcgagcgg   900
tccctgggtg tgcatagggt ctacacccag caggatttgc tgtatcagaa cgactgcgtc   960
ttcttgcatt gcaatctcaa cgaacaaaac taccaccтta tccatgactt taccataaag  1020
cagatgaggc agggagcatt ccttgtgaac gcag                              1054
```

<210> 9214
<211> 933
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (198)...(933)
<223> similar to gi3882251 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```
<400> 9214
caattaatca agatgctggg tttcatacta atggtacagg acatggtaat ttaaggccaa    60
gaaagacaag gccattgaag gccgagaatc cttacttgtt tctacgaggt ttgccttacc   120
tagtaaatga agatgatgta cgtgtctttt tctctggttt gtgcgtggat ggagtaattt   180
tcttaaaaca tcatgatggc cgaaataatg gtgatgccat agtaaaattt gcttcatgtg   240
ttgatgcttc aggaggtctt aaatgtcata gaagttttat gggttcaaga tttatagaag   300
taatgcaagg atcagaacaa cagtggattg agtttggtgg taatgcagtt aaggagggtg   360
acgttcttag gagatctgaa gaacattctc caccaagagg aattaatgat agacattttc   420
gaaaacggtc tcattcaaaa tctcccagaa gaacacgttc tcgttcccct cttggatttt   480
atgttcactt aaaaaatctg tccctcagta ttgacgaaag agatttaaga aatttctttta   540
gaggtactga tctgactgat gaacagatta ggttttata taaagatgaa aatagaacaa   600
gatatgcctt tgtgatgttc aagactctga aagactataa taccgctctg agtttacata   660
agactgtttt acaatatcgt ccagttcata ttgatccaat ttctagaaaa caaatgctga   720
agttcattgc acgttatgaa aagaagagat cagggtcact agagagagat aggcccggac   780
atgtttcaca aaaatactct caagaaggta actctggcca gaaactgtgc atctatataa   840
gaaattttcc atttgatgtt acaaagttg aagtgcagaa gttctttgca gactttcttc   900
ttgctgagga tgtattgcga cgaaatcgtc gac                               933
```

<210> 9215
<211> 909
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (228)...(910)
<223> similar to gi1049301 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9215
ccctccaa ctcctcaggc ctccgaggcc gggtccagag ccctcagttc cttctgaaac   60
cctggagcgg aatcagaagt gcgcgtggcc acagcggcgc ctcctgccct ttagccgccg   120
ctggcccaac ggtttcccca gcagtagcct ctgcgaccag gtgcggcttc aggtcatttt   180
ttccaggaca ctttctgtct tcatgacagg aacatcgaga agccaaggct agtggctggg   240
ttactgatgg attactgatg gattcttctc agcacttagt gacctttgag gatgtggctg   300
tggactttac ccaggaggag tggactttgt tggatcaagc ccagagagat ctctacagag   360
atgtgatgtt ggagaactac aagaatctca ttatactagg gtctgaatta ttcaaacgta   420
gtctcatgtc tggattggaa caaatggaag agctgaggac aggagtgaca ggagttctgc   480
agggagagaa gcaatactgc agagaaactg tatgactcta accattctgg aaaagtcttc   540
aatgaacacc catttcttat gactcacatg ataactcaca ttggagagaa aacttctgag   600
gataatcaga gtggaaaagc cttaagaaag aactttcctc atagttttta caagaaaagt   660
catgctgagg ggaaaatgcc taagtgtgtt aaacatgaaa aagccttcaa ccagtttcca   720
aatcttacta ggcagaataa aactcacaca caagagaaat tgtgtgaatg caaagactgt   780
tggagaactt ttcttaatca gtcatccctt aagttacata taagatctca caatggagac   840
aaacactatg tatgtaagga atgtgggaaa gccttcagta attcctcaca ccttatagga   900
catgggaga   909

<210> 9216
<211> 733
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(733)
<223> similar to gi338884 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9216
gttcttctat gtggcccttt gtctcctgtg gacaggacac atggatggat gctggaatca   60
cccagagccc aagacacaag gtcacagaga caggaacacc agtgactctg agatgtcacc   120
agactgagaa ccaccgctat atgtactggt atcgacaaga cccgggggcat gggctgaggc   180
tgatccatta ctcatatggt gttaaagata ctgacaaagg agaagtctca gatggctata   240
gtgtctctag atcaaagaca gaggatttcc tcctcactct ggagtccgct accagctccc   300
agacatctgt gtacttctgt gccatcagtg gtgacagggt ttgttcaccc ctccactttg   360
ggaatgggac caggctcact gtgacaggta tggggggctcc actcttgact cgggggtgcc   420
tgggtttgac tgcaatgatc agttgctggg aagggaattg agtgtaagaa cggaggtcag   480
ggtcacccct tcttacctgg agcactgtgc cctctcctcc cctccctgga gctcttccag   540
cttgttgctc tgctgtgttg cctgcagttc ctcagctgta gagctccttg cttagtcttc   600

                                7624

```
agggctgtgt gtttctttgc tcttcttttc attgttttct gggactcttc tcatctctac      660
tttcttagtg gatgtattgt tttactttcc ctttttaaa ttgcatcttc tccatttttt      720
ccttcccacg aaa                                                        733
```

.

```
<210> 9217
<211> 771
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (370)...(774)
<223> similar to gi3327202 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9217
tgaagaatcc ccgggtcgac gatttcgtat ggctttttaa gaaccaggcg cttactctga      60
aatagtctat tgttaagtaa atgtcacaag gttaggtgaa gttgtctcct tgtaaaacct      120
gctctcagat cattaatgat gataacttaa agtgatacta cccccaaggg taatgtttca      180
gtggttcaaa gtctcaagct tcacaggaat ctctggtggt ggaatttcag gcattagctc      240
gttgatggga aaaaattttt ttgatgtttc tgtgggtatg ccttcacaaa ctttcccaag      300
tgttttccaa aaatcacgtc tttctgtttt ttattttcta ttttttaaaat ccccccttcaa     360
tagtgcatca aaacctataa ctctgactgg catcttgtga actataaata tgaagattac      420
tcaggagagt ttcgacagct tccgaacaaa gtggtcaagt tggataaact tccagttcat      480
gtctatgaag ttgacgagga ggttgacaaa gatgaggatg ctgcctccct tggttcccag      540
aagggtggga tcaccaagca tggctggctg tacaaaggca acatgaacag tgccatcagc      600
gtgaccatga ggtcatttaa gagacgattt ttccacctga ttcaacttgg cgatggatcc      660
tataatttga atttttataa agatgaaaag atctccaaag aaccaaaagg atcaatattt      720
ctggattcct gtatggggtg tcgttcagga ccaacaaagt caggcgtttt t                771
```

```
<210> 9218
<211> 1268
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(692)
<223> similar to gi5823554 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9218
cacaaaatgg cggcggcggc ggcggcggct ggtgctgcag ggtcggcagc tcccgcggca      60
```

```
gcggccggcg ccccgggatc tggggggcgca ccctcagggt cgcagggggt gctgatcggg      120
gacaggctgt actccggggt gctcatcacc ttggagaact gcctcctgcc tgacgacaag      180
ctccgtttca cgccgtccat gtcgagcggc ctcgacaccg acacagagac cgacctccgc      240
gtggtgggct gcgagctcat ccaggcggcc ggtatcctgc tccgcctgcc gcaggtggcc      300
atggctaccg ggcaggtgtt gttccagcgg ttcttttata ccaagtcctt cgtgaagcac      360
tccatggagc atgtgtcaat ggcctgtgtc cacctggctt ccaagataga agaggcccca      420
agacgcatac gggacgtcat caatgtgttt caccgccttc gacagctgag agacaaaaaa      480
ccctgtgctt tctctctggc aggaagcccg tgcctctact actggatcaa gattatgtta      540
atttaaagaa ccaaattata aaggcggaaa gacgagttct caaagagttg ggtttctgcg      600
tccatgtgaa gcatcctcat aagataatcg ttatgtacct tcaggtgtta gagtgtgagc      660
gtaaccaaca cctggtccag acctcatggg tagcctctga gggtaagtga ctaagacttc      720
tcctctgctg tccaagcgct ttggtgcagg gacagcggca tcttcagcca atccagtgca      780
ggctctccac cgaaggctgg ctctagactg gtggtacgca catagcatag ccatggccga      840
ctcctgctgt ggttctctga cgattgtgct tcttgttaat cctctgtcgt gctttggtaa      900
tcgtattgat tagagttggt aactgtcttg acttgaattt tgtcccttta aaactgctgt      960
acctgtatga taaagatgca gtacctttct cttaaaaaaa aatgctatgg aaagctgtga     1020
gaattgaaga gacaaattgg ctgtgtcagt gtggggttat gtcatgattt ctagaagccc     1080
tgaagttgct cttttgagca gctttgcatg acacgctttg gtaaaaggtg tgcatcttta     1140
aattatttca tggatacttt gaaaaatatt gtatcacttc aaatacagca ataagtttat     1200
atgttctcaa gatttcattt gtttttaaga attttaagtt cgtggattaa tatcactact     1260
tgaatact                                                              1268


<210> 9219
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (31)...(489)
<223> similar to gi1340174 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters



<400> 9219
cgaagtctct cctgactcgg aatcctgatg cccatcgggc tgcgggtgtg ggtcccactc       60
caggggcggc aggtgctgct gggccaggcg gaagtcctct aggagctcgg ggctggtggc      120
attgggaaag agtctctctt cttcccagct ttgtgaacta cttctatcca catccctctt      180
gtcctcggcc caggcccagc gccgccgctg ggggcccttc cccaggccag gctcagccca      240
gcggatctca gtctccgagc tggccattgg ggctggcctg ggcttcacct gggccacttc      300
atcttcagga gacagagctg ctgccagggg ccccagagtc accgctggtt cctgtcagca      360
tcggccatcc tgcctgtgcc ctctctcggg ctccaccacc gtcctgccga cccagtttca      420
ggggacctgc ctgtgaattc tttgttccaa acccagggag ccccctgtct ccattgcgcc      480
ctgacgaaa                                                              489



<210> 9220
<211> 956
```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(957)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (93)...(665)
<223> similar to gi927708 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9220
```
aaaccgggag cttcctgctc gtgttcgctg ttgagaagct acccgcgggg ttgtagactt      60
cggacctcat ggcagagata attcaggaac gcatagaaga tcggctcccg gaattggaac     120
agctggagcg cattggactg ttcagtcatg cggagattaa ggctatcatt aagaaggctt     180
ccgatctaga gtacaaaatc cagagaagaa cccttttcaa ggaagacttt atcaattatg     240
ttcaatatga aattaatctc ttggagctga tccggagaag aagaacacgc attggatatt     300
catttaagaa ggatgagatt gagaattcta ttgtacaccg ggtacaaggt gttttccagc     360
gtgcctcagc aaaatggaaa gacgatgttc aactttggct ctcctatgtg gcttttttgta     420
agaagtgggc tactaaaact cgacttagca aggtattctc tgccatgttg ngattcattc     480
caacaaacca gctttgtgga ttatggcagc caaatgggaa atggaagatc gattgtcttc     540
agaaagcgca aggcaactat ttcttccgcg cactnctttt ccatccagag tgcccaaaac     600
tttataaaga atactttagg atggagctga tgcatgctgg aaaaactgga ggaaggagaa     660
ggaagaattt gaaaaagcca gtatggatgt ggagaatcct gattattctg aagaaatcct     720
taagggcgag ttggcatgga tcatctacaa aaattctgta agcataatta aaggtgcaga     780
atttcacgtg tcattgcttt cgattgcaca gctatttgac tttgccaaag atctacaaaa     840
agagatttat gatgaccttc aggctctaca cacagatgat cctctcactt gggattatgt     900
ggcaaggcga gaattagaga ttgagtcaca gacagaagag cagcctacaa cgaaac        956
```


<210> 9221
<211> 791
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(792)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (223)...(791)
<223> similar to gi3550456 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

7627

<400> 9221
```
gagccgccgc gacaccttca cgtgaccgcg gacagcttaa ggacaccgca tccagtgcgc      60
ctgcgctgga gctcccggaa gttgccggac ccggaacgca ggcggagcgc aagtctgtca     120
gccagtcagt ccgccagtcc gccagcccag tacctctctc tcctcggccc tcgtaagctg     180
tccgcggtct gtttggcccg aacggcggcg gaggcgctga tcatggcgac attcatctcg     240
gtgcagctga aaaagacctc agaggtggac ctggccaagc cgctggtgaa gttcatccag     300
cagacttacc caagcggcgg ggaagagcag gcccagtact gccgcgcggc ggaggagctc     360
agcaagctgc gccgcgccgc agtcggtcgt ccgctggaca agcacgaggg cgcgctcgag     420
acgctcctga gatattatga tcagatttgt tctattgaac ccaaattccc attttctgaa     480
aatcagatct gcttgacatt tacctggaag gatgctttcg ataaaggttc acttttttgga     540
ggctctgtaa aactggctct tgcaagctta ggatatgaaa agagctgtgt gttgttcaat     600
tgtgcagcct tagctagcca aattgcagca gaacagaacc tggataatga tgaaggattg     660
aaaatcgctg ctaaacatta ccagtttgct agtggtgcct ttttacatat taaagaggac     720
gggtttttatc tgccttaagt cgagagcccg accgtgggtc antatctccc agataacttt     780
tggggacccc t                                                         791
```


<210> 9222
<211> 735
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (348)...(737)
<223> similar to gi5817053 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9222
```
acgatttcgt ccggccccgg cgccccagcc cctggccaag cctctgctgt cattttttct      60
ccctcctctc agtctgcagc tgcgggacgg gccgggctcc tcagtttctg ctgtgttgtg     120
accccacgag gcgctcagca cccagggaag gcgcgtgtgt ccccgatgct ggctcctccc     180
tgagccccga cggctctcga ggttctgagc ctgtggcctg cacagggaac ttcctctccg     240
actgcattta tgcctctgtg gatgtgaagg ctatttctag aaatctcttc ctttgcagaa     300
acacccgaaa ccctcctgcc aggaagacca gggcctggga agagggtcgc tctccggcca     360
ttctcccctc accctcctca ccttcctcac atcctgtgcc ctggggggacc agcagctgct     420
tccacccaga acaagcggga gcctgtgtca ggaaagcatg tcagagcaga gctgccagat     480
gtccgaactg cggctcctcc tcctgggaaa atgccgctcg ggaaaaagtg ccacaggaaa     540
tgccattctg ggcaaacatg tgttcaagtc caagttcagt gatcagacag tgatcaaaat     600
gtgccagaga gagagttggg tcctgagaga aaggaaggtt gtggtaattg acacccctga     660
ccttttctcc tcaatagctt gtgctgaaga caagcaacgc aacatccaac acttgttgga     720
gctctctgct cccag                                                     735
```


<210> 9223
<211> 741
<212> DNA
```

7628

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (467)...(741)
<223> similar to gi1235727 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9223
ggacgtcccg gatcgacgtt tcgagcccgc agcgcgggtg gagaggggcg gagaggggggt   60
ctgtggcacg agaagaactt gaaaccgtgt gaaggaatcc ggagcacatg agaagggagg   120
aaaataaaag aaagtggaga ctgcagaaca gactccgctg tggctgactg tgccggccga   180
cgctccagct gaggggctgg gttggannnn nnnnnnnctc ccatcctctc gctctctctt   240
ttaaagcgac accagctctc tctcctcctc tactatctcg ggatcaccaa acccttgccg   300
gctcttatgg gcatgaaaca ctcctcccgc tgcctgctcc tgaggaggaa aatggcggaa   360
aacgcggccg agagcaccga ggtgaacagc ccccctccc agcccccca gcccgtcgtc   420
cctgctaagc ccgtgcaatg gcgtccatca tgtgtccact caacccagct gcccaggacg   480
gggcaagatg tccaagctgc tgaacccaga ggagatgacc tcgagagatt attacttcga   540
ctcctatgcc cactttggga tccacgagga aatgctgaag gatgaggtgc ggactctcac   600
ttaccggaac tccatgtacc acaacaagca cgtgttcaag gacaaagtgg tactggatgt   660
ggggagtggt actgggatcc tttccatgtt cgctgcaagg cagggggccaa gaaggtgttg   720
ggatcgatgc tcagtatttt c   741

<210> 9224
<211> 479
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (235)...(479)
<223> similar to gi1457961 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9224
gcagcgtcct tcttcgaagc agctgcacct gcaactgggc agcctggacc ctcgtgccct   60
gttcccggga cctcgcgcag ggggcgcccc gggacacccc ctgcgggccg ggtggaggag   120
gaagaggagg aggaggaaga agacgtggac aaggaccccc atcctaccca gaacacctgc   180
ctgcgctgcc gccacttctc tttaaggggag aggaaaagag agcctaggag aaccatgggg   240
ggctgcgaag tccgggaatt tcttttgcaa tttggtttct tcttgcctct gctgacagcg   300
tggccaggcg actgcagtca cgtctccaac aaccaagttg tgttgcttga tacaacaact   360
gtactgggag agctaggatg gaaaacatat ccattaaatg ggatcctgca gtctcagatt   420

                              7629

<210> 9225
<211> 446
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (436)...(193)
<223> similar to gi3851160 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9225
```
tttcgtctct gggcaggacg gcgggccgag gagcccgggg agggacccgg agctccaggt    60
taccaccaaa gaatatgatt ttggtctagg ggctccagtt tctgaagctg aaaactacca   120
gaatactctc cagctagaac aagaagtgag aaaccaagat agattcatct cgacactgaa   180
attacaggtt gcgtttagtt acaacatatt ttcctgactt aatttggggt gggagcctat   240
tttgaaacaa gaagatagag aataaataac tactaattta gagctcattt aaatgttatg   300
ggtctaaaat cattcaattt ttatcttaac cattttgata aacatagagt cagagtcagt   360
gagtgcaaac tacgtgtcaa gtgttgtgtc agatgttttc aggtatacag tttttactta   420
atcatcccca acttgcgaaa aagtgg                                        446
```


<210> 9226
<211> 788
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (312)...(622)
<223> similar to gi5410330 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9226
```
tttcgtggcg gggaggcgcc gtctggctca ggctggggcc ggcgggagcg cgaacgagcg    60
acggcggaac ccgtgggcct gtggactgca gcctcggcgg tcagcagagt gcttgtgatt   120
tcacgtattt ttgctgaact cgtaaaagag acacttggat ggtggattaa ccagaacact   180
aacattctgt gaaaagtttc aaattggaga atattgaatt ttcaccctag tccagcagct   240
ccgctgctca cttaaataca gatgaatgaa gaccccattc ggaaagacac ctggccagcg   300
gtccagagct gatgcaggcc atgctggagt atctgccaac atgatgaaga agaggacatc   360
ccacaaaaaa catcggagca gtgtgggtcc gagcaaacct gtttcccagc cccggcggaa   420
catcgtaggc tgcaggattc agcatgggtg gaaagagggg aatggccctg ttacccagtg   480
```

```
gaaaggaacc gttctggacc aggtgcctgt aaatccttct ttgtatctta taaaatacga    540
tggatttgac tgtgtttatg gactagaact taataaagat gaaagagttt ctgcgcttga    600
agtcctccct gatagagttg gtaagttctt tttataattt gtgcattata tactttaaaa    660
atgatattga actggatgct tttttattt tacattatta atacttcact tttattggaa     720
cacaagcacc cttcttgata aacattatat taaatcaccg aaaaccacaa actcgtgccg    780
ctcgtgcc                                                             788
```

```
        <210> 9227
        <211> 651
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (149)...(423)
        <223> similar to gi6006495 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9227
tttcgtctct cgctcccagc gccacggacg cccccgggcc gagcggcggt gcgctcccgt     60
gcagacccgt ggacagacgc ccctggccgg tggactctcg agtctcgctt ctgcaccctg    120
cgtccccaga catgaatgtg aggagggtgg aaagcatttc ggctcagctg gaggaggcca    180
gctctacagg cggtttcctg tacgctcaga acagcaccaa gcgcagcatt aaagagcggc    240
tcatgaagct cttgccctgc tcagctgcca aaacgtcgtc tcctgctatt caaaacagcg    300
tggaagatga actggagatg gccaccgtca ggcatcggcc tgaagcccтt gagcttctgg    360
aagcccagag caaatttacc aagaaagagc ttcagatcct ttacagagga tttaagaacg    420
taagaacttt ctttttgact ttaccttcac acaattccca gaggagcatt gagaaatgag    480
aggaaaaggg ggaaaatatc ccattctatg agagccccat catatgtata tttcatactg    540
atccttccca gataggaata taatcagtat ctgtggactt tgaatctctg tggcacaccc    600
atgctggcat actgtaattg cccattaaac aaagagtttt tgagaaaaaa a            651
```

```
        <210> 9228
        <211> 1394
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (926)...(1394)
        <223> similar to gi5926738 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9228
```

```
ggtcgacgat ttcgtagccg ggcagctccc taaaccttag caacagaaac aaaacacacg    60
tacaaaaggc agtcctggag gggaagcgtg gtcccggccc ctcctccggt ttgtactgtg   120
tggattgacg cggacgttca aacccgctcg gacacctggc aacaaactcg aaagtgactg   180
ctgaaggcag tgcgcccggt gagacgttgt tgcagttccc ttggggactg ggattggcat   240
gctttagcta tctgaacgaa acttcccttt ggggagttaa gttttccaga gactcagagc   300
cttggggcac tgagggatgc cagttctgcc tgttcatctg gaacctggat ctaaggaggg   360
aagaggcgtt gcccctgctg gcatagtcag gtaccagccc agccaggtat tgaacgggct   420
gagcttttca tgatggttcc tgctgacctg gaaacatctt aaatggaagg ttagcttcta   480
tgagtcactg atactctttt tattgctatt tctaaatttc cttggcttga aaattacttc   540
tgctttgcag aaattatctg cttgcagctg tggataattt ataacaatct ctggtgaaac   600
ctcagaaaag agatatgctt ttgtcttaga tggatgtcag cagctgctgc agaacccggt   660
gaaaacaccc cccgggtagc acgaggctct gcgagccgta actccgacaa acgcagaact   720
tcttgaggct ttcttcttct aaggagtatg acacagttaa aaaggaaaaa agaaccacaa   780
gcaaaacagt tgccagtgaa ataggagagg gagctcttta acaaggctg gctgcagctg    840
gcctccgccg ctcatctgca gggcgtgagc gcttggtcca tgcagtgaag ctcttccaac   900
ctgggtcaac gaaaacggag aagaaatggc ccaagaaata gatctgagtg ctctcaagga   960
gttagaacgc gaggccattc tccaggtcct gtaccgagac caggcggttc aaaacacaga  1020
ggaggagagg acacggaaac tgaaaacaca cctgcagcat ctccggtgga aaggagcgaa  1080
gaacacggac tgggagcaca aagagaagtg ctgtgcgcgc tgccagcagg tgctggggtt  1140
cctgctgcac cggggcgccg tgtgccgggg ctgcagccac cgcgtgtgtg cccagtgccg  1200
agtgttcctg aggggaccc atgcctggaa gtgcacggtg tgcttcgagg acaggaatgt   1260
caaaataaaa actggagaat ggttctatga ggaacgagcc aagaaatttc caactggaga  1320
taactctgtg atgaacgtct tgtacaggca aacatgagac agttggaggg cagctcttgc  1380
aatcttatca gaag                                                     1394
```

<210> 9229
<211> 696
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (34)...(699)
<223> similar to gi2224617 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9229
```
gccggaattc ctgggtcgac tatttcgtcg cctcggagcc cgccggggca gccgccggac    60
accaggaccg cgagccagac agctcccgga agccgcgccg ccgccgccag gtgcctgact   120
gacagaagtt cttgcccccg gggagctggt gtggacagag gagggcgtg ctggtcacca    180
tgacaacaga gacaggcccc gactctgagg tgaagaaagc tcaggaggag gccccgcagc   240
agcccgaggc tgctgccgct gtgaccaccc ctgtgacccc tgcaggccac ggccacccag   300
aggccaactc caatgagaag catccatccc agcaggacac gcggcctgct gaacagagcc   360
tagacatgga ggagaaggac tacagtgagg ccgatggcct ttcggagagg accacgccca   420
gcaaggccca gaaatcgccc cagaagattg ccaagaaata caagagtgcc atctgccggg   480
tcactctgct tgatgcctcg gagtatgagt gtgaggtgga aaacatggc cggggccagg    540
tgctgtttga cctggtctgt gaacacctca acctcctaga gaaggactac ttctgcctga   600
ccttctgtga tgctgacagc cagaagaact ggctggaccc cttcaaggag atcaagaagc   660
acatccggag tagcccctgg aaatttgcct tcacag                             696
```

```
<210> 9230
<211> 978
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (248)...(978)
<223> similar to gi33991 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


        <400> 9230
tttcgtggag acgactgtga gcgtgcaaag cgcagagtcc tctgatgccc tgagctggtc      60
caggctgccc agggccctgg cctccgtagg ccctgaggag gcccgaagtg gggcccccgt     120
gggcggggggg cgttggcagc tctccgacag agtggaggga gggtccccaa cgctgggctt     180
gcttgggggc agcccctcag cacagccggg gaccgggaat gtggaggcgg gaattccttc     240
tggcagaatg ctggagcctt tgccctgttg ggacgctgcg aaagatctga aagaacctca     300
gtgccctcct ggggacaggg tgggtgtgca gcctgggaac tccagggttt ggcagggcac     360
catggagaaa gccggtttgg cttggacgcg tggcacaggg gtgcaatcag aggggacttg     420
ggaaagccag cggcaggaca gtgatgccct cccaagtccg gagctgctac cccaagatca     480
ggacaagcct ttcctgagga aggcctgcag ccccagcaac atacctgctg tcatcattac     540
agacatgggc acccaggagg atggggcctt ggaggagacg cagggaagcc ctcggggcaa     600
cctgcccctg aggaaactgt cctcttcctc ggcctcctcc acgggcttct cctcatccta     660
cgaagactca gaggaggaca tctccagtga ccctgagcgc accctggacc ccaactcagc     720
cttcctgcat accctggacc agcagaaacc tagagtggtg gagtctcgct ctgtcaccca     780
ggctggagtg cagtggcatg atatcggctc actgcaacct ctgcctcccg gattcaagca     840
attctcccgc ctcagccttc cgaatagctg ggactacagg cgcatgccac catgcccgga     900
taattttttgg atttttagta gagaggggat ttcaccatgt tggccaggat ggcctctatc     960
tcttgatctt gtgatacg                                                   978



<210> 9231
<211> 1035
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (364)...(1031)
<223> similar to gi2076894 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters



        <400> 9231
ggcacgagcc agcgcagccg ggagacagat gcgaggcggc ggtcagcagg tgccgaaccc      60
```

```
acggccaggc ttccgtggcc agcagccctа gaggaatggc catcctgtcc ctgcgagccc      120
ctgggccctg gcaggcgatg caggtgggat gctatggaat atgatgagaa gctggcccgt      180
ttccggcagg cccacctcaa ccccttcaac aagcagtctg ggccgagaca gcatgagcag      240
ggccctgggg aggaggtccc ggacgtcact cctgaagagg ccctgcctga gctgcccсct      300
ggggagccgg aattccgctg ccctgaacgc gtgatggatc tcggcctgtc tgaggaccac      360
ttctcccgcc ctgtgggtct gttcctggcc tctgacgtcc agcagctgcg gcaggcgatc      420
gaggagtgca agcaggtgat tctggagctg cccgagcagt cggagaagca gaaggatgcc      480
gtggtgcgac tcatccacct ccggctgaag ctccaggagc tgaaggaccc caatgaggat      540
gagccaaaca tccgagtgct ccttgagcac cgctttтаca aggagaagag caagagcgtc      600
aagcagacct gtgacaagtg taacaccatc atctgggggc tcattcagac ctggtacacc      660
tgcacagggt gttattaccg ctgtcacagt aagtgcttga acctcatctc caagccctgt      720
gtgagctcca aagtcagcca ccaagctgaa tacgaactga acatctgccc tgagacaggg      780
ctggacagcc aggattaccg ctgtgccgag tgccgggcgc ccatctctct gcggggtggt      840
gcccagtgag gccaggcagt gcgactacac cggccagtac tactgcagcc actgccactg      900
gaacgacctg gctgtgatcc ctgcacgcgt tgtacataac tgggactttg agcctcgaaa      960
ggtttctcgc tgcagcatgc gctacctggc gctgatggtg tctcggcccg tactcaggct     1020
ccgggagatc aaccc                                                       1035
```

```
      <400> 9232
tttcgtgaga gaaagggtga cacacagaga cggagagagg agtagctgaa aagagacagc       60
aagacagaga aggcagagac aaataaggag agagcagcag gagagagaca catagaaagg      120
ggagcgagga gagagagaca aagggagaga tgaaggaggg agggagagat ggggtggggg      180
caggaaccaa gagacaaaga gatgagaagg agcaggacag accaagctgg agaagggaaa      240
ctgaagcagg gggctttcca cggggtgtgc atgtggagga aagcccccag gaccgcctcg      300
ccctgcccct ctgtcccagg gcctctctgc gagcctggct gctgagctgc tgctgcggga      360
tgggcccata cgcactgcgg ccaccacggg gcacccCaga gtacgtcaag ttcgcgaggc      420
agctggtcgg aggcctgcag tgcctcatgt gggttgccgc                           460
```

<222> (152)...(425)
<223> similar to gi5441615 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9233
tttcgtctgc cgtgctgctc ggcggcgctg aggccaaata gttgcatcac atgtatctaa   60
tccgagagtc tcatgcttct ggtagctcct cagtgaccag ctcctgctca ctgccctcag   120
aaagcccaac cctcaggcaa tggcggcctt gttcctgtct gccccacccc aggccgaggt   180
gaccttcgag gacgtggctg tgtacctctc ccgggaggaa tggggccgcc tgggccctgc   240
tcagaggggc ctctacaggg acgtgatgct ggagacctac gggaacctag tctcactggg   300
agtaggacct gcaggcccca agcctggagt gatctcgcag ttggagcgag gggatgagcc   360
ctgggtcctg gatgttcagg gcacctctgg gaaagagcac ctgagagtca acagcccagc   420
tcttgggacc agaactgagt acaaggagtt gacttcacag gagacatttg gtgaggaaga   480
tccccaggga tctgagccag tagaagcctg tgaccacatc agtaagtcag aggggagcct   540
ggaaaagcta gtggagcaga gaggccccag ggcagtcaca ctgaccaacg gggagagcag   600
cagggagtct gggggaaacc tcaggttgct gtcaagacct gttcctgatc agagacctca   660
caaatgtgat atatgt   676

<210> 9234
<211> 2580
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2581)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2230)...(0)
<223> similar to gi4803931 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9234
tttttttttt ttggagttca ttagaccttt tttattattc taccttttct gcatatgttt   60
gcagttttcc caccgactcc tccataaaca aacattttcc tagaaaccca aaatatgtag   120
tggccccaaa ggagctcctt aagccaaagt acttggtaca aagagaccca tattcctata   180
aacatgttaa gtttgttcct aagcattcca gacttttaga ataagaactt catttccaac   240
ttttttattt attaacatgg ggctaaactt ttaagaaaca accctaggtc ttctatttcc   300
caggagctgg ttcaaagtct taaatgacaa tataacttca ttatgaaaat atactgaaaa   360
ggtacaaggg gctgatgtaa aaacggttaa tcaagggttc ccaggcatcc atggggactt   420
aagggtaacc tgaaagaata accccagcc caggctgcaa ccagccaggc caggatgtgc   480
tggcttnacg tngatgaggt gctaaggccc atcgaatgcc tcagaggaaa gccggattca   540
cggggatca tctcaaccct gaggaaatcg gttccttggg gggtgatttc ttgccctttt   600
ttttgttttt gtaaggaaga gggttccctt cattccagta actttagttt tcccttaata   660
aatattttca aaaataaaac caatcatcat ccaaacaaac agggagccac ttttgtaggg   720

7635

```
taagggtaaa tcacaggata atgtattggg ataactctgt tttttaaaa taaaaaagcc      780
ttacatggtc agggattgat ggagtgggga tgacaaatgc acatttcaga ctttcatcac      840
caatgaaaaa ataaagcatt ttcatagact taaaactgtc attagtgcat tcggcttttg      900
gagaagggat gaaaatgtaa aatacttcta caacaataaa atgttaatag aaatcgtcat      960
gtgctgaggt catttttaggt gagctaccat tgtttgttta aatacaagaa aaagtaattt     1020
ccttggtccc aatttaagtg gaaatccttt aaaaaagatt gcctttaaaa gaaccattat     1080
ttgaggacaa tgttttttcca ggccacattt ctgatgatat tcaaattcac ttcataccaa    1140
tcacagatta acccttttaa ttccaccttt ccttaaaaag ctgtcagatt tccatttctt     1200
cgggagacat ttttcacccca gtgtgttgtt cgattcccac aggttaagct ttcttcatta   1260
ttattaagga acttcatacc atattagaga gattgccatt cattgctttc ctcgtctttt     1320
tcggaaaaga cacaggccag acttggctag actaaagctg acgtctttaa aggcatgcaa     1380
caagaatatc cccacaatga ttgtaaagaa gccactcaaa gtaccaatga catcgtcaac      1440
aggcatatct tgccactcct taaaaagaat agctgaacaa gttaaaactg atgttgtaaa     1500
gaatacataa tatattggag tcacaatgga agtgttgaat atatccaggg ccctatttag      1560
gtaattaatc tgtgtgctca cacagacgat gaggctcagc agcagaatcc aagccagggg    1620
atgccgcagc acaggcttcc ctgcaaacag ctccttgata gcaatgccca ggcccttcac     1680
acaggagact gaaaacgcgc cgattacaga gcagattgtt atgtacacaa gaatgtttgt     1740
ctgtccatgg cgaggaccca ccacgaagat taatatcaag gccacaatga ccacaagggt    1800
tgcaaagacc acaaaacctg gatcacctag cttgtgagac atttcattta aagtctcaat     1860
ctcctcttcc tttggagcat gaatgaccat aactgtagat cctagaatac ttagcaaaca     1920
cccaattttc ccatgaagat taagtctttc attgagaaag tatgaagaaa gaatggcact     1980
tactagcacg ctgagagctc ctagtggagt cactagagtg gctggtgcaa acgcatacgc     2040
agcgaagttg gccacctcac cagctcccat tgacagcagt ccagcccacc acaaccattc    2100
cttaagatat gcatggccac cttgacctgc tctcatagag cctttcctgg caagtcgaag    2160
gaggcccttt tttttcaaaa tgaaacttcc tccaatgaaa atgctggagc tcatagccaa    2220
tcccagacca atatagaagt catattttcc acgcccctgg ctcatttcgt ttgttactta     2280
aggagttcct gtgaatcaca ttgatcacag aacagagaaa ccgctggtac tagaggcaga     2340
atgaagcagt cttcaaaccc tagtcggccg accggccgcg cggcttcccc tcgccggcgc    2400
agccttgggc accgcggctc acacccccac acaggccgcc cagtcctgcg ctcgcacggc     2460
caccgccttc gtcgccgtcc agtgggagat gcgagcattc ggggctgaag ccgttcgcac    2520
cgcctcctcc atggagaagc gccgagaaaa acctgccaag acaacctcc ggcaccgccg      2580
```

```
      <400> 9235
gatcgcgccg cacgatttcg tctggacagc tccagccgtg tcctgaggag ctggaccagc       60
cacatcccct ggggctgcag ttgaagcaga accaagtggc catcccggcg ttagaccgta      120
ggttcctggt cccggagtgg tcggagcccg ccagtgggca ggcagctctt gctcacaggc      180
cgcggtgccc aggccgctgg ctctccgcag ggcggaatgg cgctgcaagt ggagctggta      240
cccaccgggg agatcatccg cgtggttcat ccccacaggc cctgcaagct tgccctgggc      300
agtgacgggg ttcgggtgac catggagagt gcgctcaccg cccgtgaccg ggtggggggtg      360
```

```
caggatttcg tgctgctgga gaacttcacc agcgaggccg ccttcatcga gaacctgcgg    420
cggcgatttc gggagaatct catctacacc tacattggcc ccgtcctggt ctctgtcaat    480
ccctaccggg acctgcagat ctacagccgg cagcatatgg agcgttaccg tggcgtcagc    540
ttctatgaag agccccctca cctgcttgcc gtggcggaca ctgtgtaccg agcactgcgc    600
acggagcgtc gggaccaggc tgtgatgatc tctgtggaga gcggggcagg caagaccgac    660
gccaccaaga ggctgctgca gctctatgca gagacctgcc cagcccccca acgcggaggt    720
gccgtgcggg accggctgct acagagcaac ccggtgctgg aggcctttgg aaatgccaag    780
accctccgga acgataactc cagcaggttc gggaagtaca tggatgtgca gtttgacttc    840
aagggtgccc ccgtgggtgg ccacatcctc agttacctcc tggaaaagtc acgagtggtg    900
caccagaatc atggggagcg gaacttccac atcttctacc agctgctgga ggggggcgag    960
gaagaaactc ttcgcaggct gggcttggaa cggaaccccc agagctacct gtacctggtg   1020
aagggccagt gtgccaaagt ctcctccatc aacgacaaga gtgactggaa ggtcgtcagg   1080
aaggctctga cagtcattga tttcaccgag gatgaagtgg aggacctgct gagcatcgcg   1140
gccagcgtcc ttcatttggg caacatccac tttgctgcca acgaggagag caatgcccag   1200
gtcaccaccg agaaccagct caagtatctg accaggctcc tcagcgtgga aggctcgacg   1260
ctgcgagaag ccctgacaca caggaagatc atcgccaagg gggaggagct cctgagcccg   1320
ctgaacctgg agcaggccgc gtacgacga dacgccctcg ccaaggctgt gtacagccgc   1380
actttacct ggctcgtcgg gaagatcaac aggtcgctgg cctccaagga cgtggagagc   1440
cccagctggc ggagcaccac ggttctcggg ctcctggata tttatggctt tgaagtgttt   1500
cagcataaca gctttgagca gttctgcatc aattactgca acgagaagct gcagcagctc   1560
ttcatcgagc tcacgctcaa gtcggagcag gaggagtacg aggcagaggg catcgcgtgg   1620
gagcccgtcc agtatttcaa caacaaaatc atctgtgatc tggtggagga gaagtttaag   1680
ggcatcattc tcgattttgg atgaaggagt gtctgcgccc cgggga                  1727
```

```
<400> 9236
cgattcgcgc cgagtgtcct ggaggagctg gctcgccaac gaaggggtaa acacctctgc     60
ctgttcatct ggctctccat gaatgtcctg cttttctgga aaaccttctt gctgtataac    120
caagggccag agtatcacta cctccaccag atgttggggg attgtgtcta agcagagcct    180
cagcatctgt tcttaacctc aactgcagcc ttatcctttt acccatgtgc cgaacactct    240
tggcttacct ccgaggatca cagaaggttc caagcaggag aaccaggaga ttgttggata    300
aaagcagaac attccatatt acctgtggtg ctactatctg tattttctca ggcgtgcatg    360
tggctgccca tctggtgaat gccctcaact tctcagtgaa ttacagtgaa gactttgttg    420
aactgaatgc agcaagatac cgagatgagg atcctagaaa acttctcttc acaactgttc    480
ctggcctgac aggggtctgc atggaggtgg tgctattcct catga                    525
```

<210> 9237
<211> 479
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (172)...(466)
<223> similar to gi2661213 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

        <400> 9237
gaaaatggtg cagaaagaca gtgatcagag aggaaagtga ggactttctg ccaaaatgcc   60
tgagggcttc cctgcctacc tcagccctct gtgttcttaa gtcctcctgt ctgaacagag   120
gccagactct cacttcaccc cagcccgtct gggtctgtcc tctgcaaagc catgtggctc   180
tacctggcgg tcctcctggg cctatactac cttctgcact ggtactggga gaggcaggtg   240
gtgagtcacc tgagagacaa gtacgtgttc atcatgagct gtgactcacg cttcaggaag   300
ctactggcca gacaactgaa tgcacaggct tgcgggagct gcatgtagga cagagaaggg   360
gaccaagcag ctgaggggcc agacttcaga caggctggag acggtgacca tggacatcac   420
caagacagag agcattgctg cagctgccca gtgggtgaag gagtggaatt ccgcccccc   479

        <210> 9238
        <211> 670
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (334)...(672)
        <223> similar to gi38522 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

        <400> 9238
gaagtgcggt ggaattccag agtcgctaat gtatccccca caatggcagt tgatgacagc   60
aatttatatt ccattatcga agaacaaact aaattcatct caaaatgatt ataaatcatc   120
aagaaggagt agcctgccac ctgaactact cataggaaat gacattagag gaagacttca   180
aagaaacatt aagaacttgg atcccattca cctgaggcac ccgaagaaga gaccatccat   240
atttccagga cggaaacaca cccttttcctt aggcgtcctg cgtcccccga ttcctgctcc   300
ctggttgccg cgtccttggc tggcgtcaga aaaatggcta caaactttct agtaggtgag   360
aagatctggt tccacaagtt caaatatggc gatgcagaaa ggagattcta cgaacagatg   420
aacgggcctg tggccggcgc ctccctccag gaggccagca tgatcctcca tgatattgcc   480
agagccagag agaacatccc gaaatccctg ccggaagct taggcccagg ggcgtctagc   540
ggccccagcg gagaccacag cgagctcgtc gtccggatcg ccagtctgga agtggacaac   600
cagagagacc tggctgaacg tgctggagaa gagcttgccc ggccactggg ccacagcccc   660
gcagacccag   670

<210> 9239
<211> 894
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (87)...(889)
<223> similar to gi1370543 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9239
```
ctccgcccca cgagcacctg tttccgagcg gagagcgcgg gccgttttct ttcctggtgt      60
cccgtcgcgg cttgggaccc ggcaagatgg gcaagaaggg caagaaggag aagaagggcc     120
gcggcgcgga gaagacggcc gccaagatgg agaagaaggt gtctaagcgc tcgcggaagg     180
aggaggaaga cctggaagcg ctcatagccc atttccagac actcgatgcc aagaggactc     240
agactgtgga acttccgtgc cccccaccct caccaaggtt aaatgcctcc ctctcggttc     300
atcctgagaa agatgagtta atcctttttg gaggtgaata tttcaacggc caaaaaactt     360
ttttgtataa cgagctctat gtctacaata tcagaaagga cacctggacc aaagttgaca     420
tccccagtcc acctccgagg cgctgtgctc accaggcggt ggtagtgcct caaggtggcg     480
gacagctgtg ggtctttgga ggggagtttg cctctcccaa cggagagcag ttctaccact     540
acaaggatct ctgggtcctg catttggcca ccaagacctg gaacaagtc aaatcaacag      600
gcggtccttc gggtcggagt ggacatcgga tggtggcctg gaagagacaa ttgatcctgt     660
ttggtggctt ccatgaaagt acacgggatt acatctacta caacgacgtg tatgccttta     720
atctggacac cttcacatgg agcaagctgt ccccgtcagg gacggggccc acacccagat     780
caggctgcca gatgtccgtc actccccagg gcggcatcgt ccgtctatgg gggctactcg     840
aaacagagag ttaagaaaga cgtggacaag ggcacacggc actcagacat gttc          894
```


<210> 9240
<211> 2503
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1671)...(2503)
<223> similar to gi3075397 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9240
```
gtaccggttc ggaattcccg ggcgcgccgg ggcacattta tctgtttttc attaacaatt      60
ttaactaaat agaaatataa ttctgttagc tcttctacag gtctacttaa actttgaaag     120
atgagattgt tcaaaaatga cacgagaaaa tcacccatca ccactaagtt aaagacttga     180
atatgtgaga gttccagagc ctcaaactcc tactacagtc actgatccat aacattttcc     240
```

```
tcttgcaatg gactccacgc caaagtagct cagtcttgcg gcatgtttgt gcaccaaaaa    300
gtaggtttcg aaagatccag cactagtcat cactgtcact gccagactca ctcaactgca    360
agtcatttct gagggtgttc atgagctggt tgcttccttg tggccggctg gttccattgg    420
caacggcagg cctactgttg tagggctgct ggtgtgaagg ctgcggagga gaggctgggc    480
cattgtcctc gcctccactg ctggagctat cgtcatcact tcccgaagag ctctcagagt    540
ctgaagagct gctcccactg ctgctgctca tttgttcaat aatgtcaact tcagccctca    600
gctctctttt gatgtcatcc aactgaggtt caggtgaggg gttatctttc aagggagaag    660
ttttgggtcc aactggaggc ttcgttggag ctctgaatgg cataggtggt ggaggtggtg    720
gtggctgtga cgtctgtgga ggacgagtgg gctgctgttc cattcgggcc tggattttac    780
tgctgccctc agctcttgtt ttcttcacct gaatgctgct actgagtttt tccagcacat    840
attcaccagt gtcatgatta ataataagca cacagtcttt ctggtaaggc cgtttgttcc    900
ccttgaacac agtcatgggt ggtgtggatc cagggatatg tggcagtgta attgtgactt    960
catctccttt gccaacttga agctctcctt cacaggaagt gtctatagat gctggtttaa   1020
aatcataacg aatagtgtgg aaggaggccc gcggccgctt ctcgaagctc tccccgagcc   1080
tcaggcaatg ttcctcgcgg tccagcagcg ggtttgcggt cccattcatg gccccgcacc   1140
tgcctcgcac ccagatcggc gctctcccgg tgcagccgcg atccgagctt ctggcgctgg   1200
cgtctgggag gactgtgctt ccgggccacc gctctggaag acaaggagag ccgagccggc   1260
acccacccgg gtccagaagc aagttctctc ctctgcgtgg gggtgagaga ggaatctgag   1320
gaggcaaggc cgtgggactt ccggcgtcgg gtaggaactt ccgggttcct agcggaagtg   1380
gcggggcggg tgccatggca aaagaactcc cggagaatcc gaattcgtgg tcctcagaat   1440
tggtttaggg ttgtttcgcg gttcttcccg tattctgcct ccgaggccca gtggggctgg   1500
ctgtgggccc cctgtgctgt ttgaggcgtg aaactcacct caggaaatgt atctgatcca   1560
ttagcgtgga ttcatattat ttggtgatgg agaatcttca gctgtgttaa gtgttaccgt   1620
cagtttcaga gatggcttct ttgcaaagga aagggctgca ggcaaggatt ctcacctctg   1680
aagaagagga gaaactgaaa agagaccaaa ctttggtgtc tgattttaaa cagcagaaat   1740
tggaacaaga ggctcagaaa aattgggatc tttttacaa aagaaatagc actaatttct   1800
tcaaagacag acactggacc accagagagt ttgaggagct aagatcatgt agagagtttg   1860
aagatcaaaa gttaacaatg cttgaagctg gctgtggggt tggaaactgt ttattcccac   1920
ttttagaaga agatccgaat atctttgcct atgcctgtga tttttctcca agagccattg   1980
aatatgttaa gcaaaatcct tatatgata cagaaagatg caaggtattc cagtgtgatc   2040
tgactaaaga tgatcttctg gatcatgtac cgccagagtc tgtggatgtt gttatgttga   2100
tatttgtgct gtcagctgtt catcctgata agatgcacct tgtcttacaa aacatttaca   2160
agtgccatgg ctgctcttca gagcttcgcc agccctggga caaggatgat tttgcagtta   2220
cctgggatcc atggagtcct gctataaggt attaaaacca ggcaaagtg tcttgtttcg   2280
tgactacgga ctgtatgatc atgccatgct taggtttaaa gccagcagca aacttggaga   2340
aaactttat gttagacaag atgggaccag atcatatttt tttactgatg acttcctggc   2400
tcagctcttt atggacacag gttatgaaga agtggtaaac gagtatgtgt ttcgagagac   2460
ggtgaataaa aaagaaggcc tgtgtgtgcc aagagttttc ctt               2503
```

<400> 9241

```
aaaagagaaa agaaatgaac cagtattctt aaattgattt caagtttgaa caaggtactg    60
ggctgctggg ggatcccaag tgagcagagt ctgttttcta ccctcgagga gctcagagaa   120
aaggaaatag ataattactg tgtgatgaga ctccagacag aggggttggc atctgcacat   180
ccttcctggg catctcgtgg gcactgctcg attaccacca ggccttgcac acctgcctcc   240
cctccaagcc cctcctgggc ctgggctcct ctgtgatcta cgtcctgtgg aacctgctgc   300
tactgtggcc ccgagtccta gctgtggccc tgttctcagc cctcttcccc agtatgtagc   360
cctgcatttc ctgggcctgt ggctggtact gctgctctgg gtttggcttc aaggcacaga   420
cttcatgctg gacccccagtt ccgagtatcc tctatttctc ctggttcaac gtggctgagg   480
gccacacccg aggccgggcc accatccact tggctttcct cctgagtgac agcattctcc   540
tggtggccac ctgggtgact tatagctcct ggctgccag caggattcca ctgcagctgt   600
ggctgcctgt aggaggcgga tgcttctttc tgggcctggc tctgtggctt gtgtgctact   660
gctggctgca ccctagctgc tgctgggagc ccaaccctga ccaggtggac aggacccaga   720
gtctactttc ctcagagggg tatcagctgc ctcagaccca gttagcacag aacttttttc   780
ccaagggtaa ggctgaggct gcttcgccag tgaagggaga ggtgaacggc gtcctttgaa   840
gcaggatcag acccagccag cagagatgga gagtgactgc tggcagaagg caggcgagga   900
taagctaaca atgctgctgt ggcctccatg cactcagcaa gagtgggatg cctctgctgg   960
gccgtgcacc agggatggtg ctgagtgggg cagaggcctg ccttcaagga gttcacagtg  1020
aacaagatga gaagggctgg gccctgcagg gtcaagagcc ccaattacgt acaagacact  1080
ttgggaggaa agaagactac cttttctttt ccccctgcca ttggtatagc tggtgcccca  1140
aaactttcac ctccctccct ggccacctct aaaatgattg gcataggggc ttccccaccc  1200
cttagctccc ctatcctggg ctagaaggcc acagggactg tcctctagaa ttcttcctcc  1260
cctcccccac accattcatt caattcgtga aacaaatctt caccgagagc agtttatgtg  1320
ctaggaacat cattctatcc ttgcaacctg gaacaagacc agctaccacc ttagcttcat  1380
cccctacttg caccaaccag tcccgggtta gatctcaaat gccggaagtc agggatgccc  1440
aactctgggc agccccagtc agaacctctg ggatctcagt gaagctggcc tggcctctgc  1500
tcttgctctc aaggggctgc ttttcaacca agagccttgt gagcctggtc tgagccttgc  1560
acagccactg agtatttttt attccttagc cagtgtacct cctacctcag agtctatgtg  1620
agaggaagag aatgtgtgtc cctgtgggtc tctgcaagtg acagatgtgt tgtttttaac  1680
agtattatta ggttatgatt aaagcctcat gaaatcctct aaaaaaaaaa aa          1732
```


<210> 9242
<211> 1988
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (167)...(905)
<223> similar to gi4235226 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9242

```
tttcgtcacc cacgttggcc tcccaaagct ctgggattac agatgtgagc cactgcgccc    60
tgctggagta ttttcgatcc aagagaacat cgtggacatt atgtagcagc ttccagcctt   120
ctttctcata gaaacaaagg cagagaagca gcacccagac tttgggaatg ttccatttgg   180
ctgctgcact cccatccacc ctgtgtacac atcctccaga ggcgatcacc tcggctgttg   240
ggctctgagg cccgagtgcc ttcgcatagt gtcgagagcg ccatggacct ctacctctgt   300
gggtttttgtg gctgtgggac ctcagtgcct tcctgtgcgt ggcctggcac tcttcgcgcc   360
ctgttcgcga tgactcggta gtagagaagt ccctcaagtc cttgaaggac aagaacaaga   420
```

```
agctggagga aggcggcccg gtgtacagcc cccccgcaga ggtggtggtg aagaagtccc    480
tggggcagcg ggtgctggac gagctgaagc actactacca tggcttccgc ctgctatgga    540
tcgacaccaa gatcgcggca cgcatgctct ggcgcatcct caacggccac agcctgaccc    600
gccgggagcg caggcagatt ctccggatct gcgctgacct cttccgcctg gtgccgttcc    660
ttgtgttcgt ggtggtgccg ttcatggagt ttctgctgcc tgttgctgtg aagctcttcc    720
ccaacatgtt gccatccaca tttgagactc agtcactcaa ggaggagagg ctgaagaagg    780
agcttcgggt caagctggag ctggccaagt tcctccagga caccatcgag gagatggcct    840
tgaagaacaa ggcagccaag ggcagcgcca ccaaagactt ctctgtgttt ttccagaagg    900
tgctgtgata cgtctgagtc cctgtgacct caccagggag ccttccctga ttttctgttt    960
ccctttcgct gtgctcagca gagtggagct cccccaggtg ctggctggcg cttgaaagtt   1020
tacccaggag gctcagtcgg gggccagtgg agtgtcagga gtctgcccc acgagctccc    1080
agtgagttaa gctgtggtgg ctgcgcctcg tcagccttca gaattatggg cgtctgtgtc   1140
tcatcaccct gcagctgtcc aggagcagta gaatctgacc catgaggagc ctgagaccct   1200
gatggtgtga ggtgtgggtg gcttggccgg gctcctctgc tgggcattgc cctctggctg   1260
gagtcagtca agaagatccc aggtcccagg ggctggtcag aggcctggac tgtgggagca   1320
gtgggggctg gagaggagga gcggcccttg aggtttcctg cggtcatgtg gtgagtgagg   1380
tgaggatggg gagacggcag ctggcacgga ccgagatccc tgaggactag atggggttca   1440
cgaggccggt gttgttggct tgagggactt gtgccacttt ggagtgagaa ggatgtgtct   1500
gaagtgcacg aagagcttaa accagggcct agaaactcca gccatgcgtg tgcgttgtct   1560
gtggggtttt cccgctgcag cacagaggcg agtggtttcc atggctgcaa agccagaaat   1620
acttgctgtc tggcccttga cagaaaagac tgccaggctg aggcctaacc acggagaagc   1680
ctctcgggag gaggcgacac agccatgggg ctgctgagcc ccccagggag tgggtggtgg   1740
ttccagcaag atgttttagg gggagccatg ctttgggagc ctcacccagg acatcgtgcc   1800
ttgcagagca ggagggggccc gtcccaacct ttcctgggcc gcccagctgc caagaaggat   1860
gtgcttgcag tcacctgcac gggggtgtgc tgcatagggc ccccctcagg agcacacctg   1920
aaattgtgct tagagccggc atcctgcatg gtacgatttg agttgggcac caagtcagcc   1980
tcgtcctc                                                            1988
```

<210> 9243
<211> 841
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (178)...(837)
<223> similar to gi551833 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9243
```
ccgggtcgac ccacgcgtcc ggtcatggcg gcctgcaggt actgctgctc gtgcctccgg     60
ctccggcccc tgagcgatgg tcctttcctt ctgccacggc gggatcgggc actcacccag    120
ttgcaagtgc gagcactatg gagtagcgca gggtctcgag ctgtggccgt ggacttaggc    180
aacaggaaat tagaaatatc ttctggaaag ctggccagat ttgcagatgg ctctgctgta    240
gtacagtcag gtgacactgc agtaatggtc acagcggtca gtaaaacaaa accttcccct    300
tcccagttta tgcctttggt ggttgactac agacaaaaag ctgctgcagc aggtagaatt    360
cccacaaact atctgagaag agagattggt acttctgata aagaaattct aacaagtcga    420
ataatagatc gttcaattag accgctcttt ccagctggct acttctatga tacacaggtt    480
ctgtgtaatc tgttagcagt aaatggtgta aattgagcct gatgtcctac caattaatgg    540
cgcttccgta gccctctcat tatcatatat tccttggaat ggacctgttg gggcagtacg    600
```

```
aataggaata attgatggag aaatatgttgt taacccaaca agaaaagaaa tgtcttctag      660
tactttaaat ttagtggttg ctggagcacc taaaagtcag attgtcatgt tggaagcctc      720
tgcagagaac attttacagc aggacttttg ccatgctatc aaagtgggag tgaaatatac      780
ccaacaaata attcagggca ttcagcagtt ggtaaaagaa actggtgtac caagaggaca      840
c                                                                      841
```

<210> 9244
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (48)...(591)
<223> similar to gi3868802 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
<400> 9244
ggacattaca gttttgcata gacaaggtga acatttctca aaacaccatg tctctccaat       60
tttctaatgg atccaggcat gtttgcttaa ggtctggagc tggatctgtc agacccctca      120
atggaggtgc aggctttgca ggcagcagtg catgtggtgg ctctgttgct ggaagtgaat      180
tttcctgtgc cttgggaggg ggcttgggca gtgttcctgg tgggagccat gctggtggtg      240
cccttggaaa tgctgcttgt attggctttg ctggaagcga aggggggactc ctctctggaa     300
atgagaaggg gaccatgcaa aatcttaatg accgcttggc atcctacctg gataatgtgc      360
gagctctgga ggaggcaaat gctgaattag agagaaaaat caagggttgg tatgaaaaat      420
acggacctgg atcttgccgt ggacttgatc atgactatag cagatatcac ctaacaattg      480
aggatcttaa gaataagatt atctcctcca ctactactaa tgctaatgtc attctgcaga      540
ttgataatgc cagactgntg ctgatgattt caggttaaag tatgaaaatg a               591
```

<210> 9245
<211> 1687
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1688)
<223> n = a,t,c or g

<220>
<221> misc_feature

<222> (996)...(1546)
<223> similar to gi5262359 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9245
gagttagaag ggagctggat tgagagactg tgttaggggc gggggtatgg aacgtagtgg   60
aaagggcaga aatttggatc tcagttcgcg cccaccccgc aggcgcctcc cgcgagccgg   120
gccctctgtg agtgagacaa gctccccttc ctttacgcgc ctcacctggc gcgtggggag   180
aggtcggcag ccctccgccg cagaacctcc ggaagggatg tcctctgccc tgcgcctctg   240
gccggggctg tggtccctcc aggccgtcga ggggatgctg aggccggtcc ccagaggagc   300
atgacttggc tggtccggag gagctctgag ggcatgggca atcttggctc gctgcaacct   360
cagcttccag agttcaagcg agtctcctgc ttcagcctca tgagtagctg ggactacaga   420
tgcgtgccac tacgtccgtc tgatgtttgt atttttagta gagacagggt ttcaccatgt   480
tggtcaggct gctctcgaac tccagatctc gtgatccgcc cgcctgggcc tactaaagtg   540
ctgggattac aggcgtgagc tagatctgac tttctagtgt cctagccttg gcccgatgga   600
catgtcattt ctctcagctc gtttctgtcc cctaaagtga gaatattacc tgggaagatt   660
acattagacg atgtatatgc gaagacactt gatagctggt attgtcatga ttctgattag   720
ttcactactg ctactttccc tgtggcctag gctttgccta tttccagtgg gcgagctagc   780
tagatcctcc tcccttaaat aagccagtgt ttttaagaca gaatactact tgcatagtgg   840
acaataatat cttaaagaac tgagcaggat gaaaagaatt tgatagaaag caggtttgag   900
gagcacattg gaggttggca ggtttcgagg ctgcttgaga ggacttgggc cgatctgggc   960
tgggcttgga cgtgaccctg gcacccaggc aggtggatcc cagctggggc ttccattcac   1020
gactttctgg tccctggcag gacagagcgg gatgccacca gcttgtccaa agggaagttc   1080
caggagctcc tggtgggcat cgttgtggag aatgacgctg gccgcggcga gatcaacgag   1140
ttgaagcagg tggaagggga ggcttcgtgc agcagccgca aaggaaagct gattttcttc   1200
tatgagtgga acatcaaact gggctggaaa ggcatcgtta aagaatctgg agtgaagcac   1260
aagggattga ttgaaatacc caatctttct gaggaaaatg aagtagatga cactgagaat   1320
ttacaacggg aatgatttta ccaacgaaag ctatggcaac ccaggaattg actgtcaaaa   1380
gaaaactgag tgggaatacc ctgcaggttc aggcctcatc tccagtggca ctgggtgtaa   1440
ggattcccac tgtggctctt cacatgatgg aactgtttga cacaactgta gagcagctgt   1500
atagcatctt cactgtaaag gaggtaagta actccctaag ctagcatgtt aagtgctgac   1560
attgggagaa aatacattac aaagaacagg agctggtttt ggttttcct tgtggctgtg   1620
tttttgattg aagggatgtg ggatggtggt gacagaagtc tgagcatagn ttctgaataa   1680
ttggagg   1687

<210> 9246
<211> 1215
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1216)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (856)...(1107)
<223> similar to gi29794 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

7644

<400> 9246
```
caacttcgat ctcncaggct caagcagtcc tcccacctca gcctcccgag tagctgggac    60
tgtaggtaca taccacaaag cccagctaat tttttttgtta attttttgtag acagggtctc   120
actatgttgc ccaggctggt ctcgaactcc tgggctcatg tgatcctccc gcctcagcct   180
cccaaagtgc tggaattaca ggcatgagcc acctcacctg gcccataata atgttttgat   240
atatatagtg tatgcagtaa caggtattct atttgtagtt gttaggatgt ttaaggttag   300
ctgatttaac aaacaaccgt aaaatcttag tagcttaata caacaggttg ttacttacat   360
aaagtccaaa atgctttatg taagtccaag gataattctc agcttcctgc agccagtgag   420
tgaagggaga aagagtaagg attatggagg acatttcagg ctgagtctag aaatgggctg   480
tgtcccttct gcacccattc cattggccca agaccagtca catggcctca acttcactgc   540
aaggagacct gggaaatgaa gtcctcctgt gtgcatggtt ctgtaggcca gaagtccaaa   600
atcaaggtgt caccagggcc acactccctc cagaggcttt gagagaaaat cagttctttg   660
catcttccat ctcctggtgg ctccaggagt tccttggctt gtggctgtag aactccaatt   720
tctgtgtcta ccatcacatg gtgctctcct cttctgtgtc ttctcctctg tgtgtttctt   780
agaaggacac ttgtcagccg ggtgcggtgg ctcacgcctg taatcccaga actttgggaa   840
gcccactagg tgaagatgtc agcccaggag agctgcctca gcctcatcaa gtacttcctc   900
ttcgttttca acctcttctt cttcgtgagt tgcctcatgg ctacccagac ggggcccagc   960
ccctgccgct aacccagccc tcatcttccc ctgtggccca ccccgtatc cgcatctcct  1020
ctccccaggt cctcggcagc ctgatcttct gcttcggcat ctggatcctc attgacaaga  1080
ccagcttcgt gtcctttgtg ggtgaggggg gctggggcag gtgggagggc ctcccccaac  1140
ccaagcaact tcctggggtc tcccttgtct cagggagacc tacggtgccc tactctgcag  1200
gcaggctaca ggctc                                                   1215
```

<210> 9247
<211> 4654
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (266)...(4657)
<223> similar to gi641958 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9247
```
ctcgacgatt tcgttaacgt cttcccttgg agatgggcgc gcaaaccaac cagtgggtct    60
gggggcggcg gtgatgggcg tggagctggc ccaatgaggg taggggtggg tggggcagcc   120
ccgagcagca gtgctaaagg agcccggcgg aggcagcggt gggtttggga ctgaggcgct   180
ggatctgtgg tcgcggctgg ggacgtgcgc ccgcgccacc atcttcggct gaagaggcaa   240
ttgcttttgg atcgttccat ttacaatggc gcagagaact ggactcgagg atccagagag   300
gtatctcttt gtggacaggg ctgtcatcta caaccctgcc actcaagctg attggacagc   360
taaaaagcta gtgtggattc catcagaacg ccatggtttt gaggcagcta gtatcaaaga   420
agaacgggga gatgaagtta tggtggagtt ggcagagaat ggaaagaaag caatggtcaa   480
caaagatgat attcagaaga tgaacccacc taagttttcc aaggtggagg atatggcaga   540
attgacatgc ttgaatgaag cttccgtttt acataatctg aaggatcgct actattcagg   600
actaatctat acttattctg gactcttctg tgtagttata aacccttaca agaatcttcc   660
```
```
                        7645
```

```
aatttactct gagaatatta ttgaaatgta cagagggaag aagcgtcatg agatgcctcc    720
acacatctat gctatatctg aatctgctta cagatgcatg cttcaagatc gtgaggacca    780
gtcaattctt tgcacgggtg agtcaggtgc tgggaagaca gaaaatacaa agaaagttat    840
tcagtacctt gcccatgttg cttcttcaca taaaggaaga aaggaccata atattcctgg    900
ggaaccttga acggcagctt ttgcaagcaa atccaattct ggagtcattt ggaaatgcga    960
ggactgttca aaatgataac tcatctcgtt ttggcaaatt tattcggatc aactttgatg   1020
taactggcta tatcgttggg gccaacattg aaacatacct tctggaaaag tctcgtgctg   1080
ttcgtcaagc aaaagatgaa cgtacttttc atatctttta ccagttgtta tctgggagca   1140
ggagaacacc taaagtctga tttgcttctt gaagggttta ataactacag gtttctctcc   1200
aatggctata ttcctattcc gggacagcca agacaaaggt aatttccggg gggaccctgg   1260
ggaggcaatg cacataatgg gcttctccca tgaagagatt ctgtcaatgc ttaaagtagt   1320
atcttcagtg ctacagtttg gaaatatttc tttcaaaaag gagagaaata ctgatcaagc   1380
ttccatgcca gaaaatacag ttgcgcagaa gctctgccat cttcttggga tgaatgtgat   1440
ggagtttact cgggccatcc tgactccccg gatcaaggtc ggccgagact atgtgcaaaa   1500
agcccagacc aaagaacagg cagattttgc agtagaagca ttggcaaaag ctacctatga   1560
gcggctcttt cgctggctcg ttcatcgcat caataaagct ctggatagga ccaaacgtca   1620
gggagcatct ttcattggaa tcctggatat tgctggattt gaaatttttg agctgaactc   1680
ctttgaacaa ctttgcatca actacaccaa tgagaagctg cagcagctgt tcaaccacac   1740
catgtttatc ctagaacaag aggaatacca gcgcgaaggc atcgagtgga acttatcga   1800
tttcgggctg gatctgcagc catgcatcga cctaatagag agacctgcga accctcctgg   1860
tgtactggcc cttttggatg aagaatgctg gttccctaaa gccacagata aaacctttgt   1920
tgaaaaactg gttcaagagc aaggttccca ctccaagttt cagaaacctc gacaattaaa   1980
agacaaagct gattttgtca ttatacatta tgcagggaag gtggactata aggcagatga   2040
gtggctgatg aagaatatgg accccctgaa tgacaacgtg gccacccttt tgcaccagtc   2100
atcagacaga tttgtggcag agctttggaa agatgtggac cgtatcgtgg gtctggatca   2160
agtcactggt atgactgaga cagcttttgg ctccgcatat aaaaccaaga agggcatgtt   2220
tcgtaccgtt gggcaactct acaaagaatc tctcaccaag ctgatggcaa ctctccgaaa   2280
caccaaccct aactttgttc gttgtatcat tccaaatcac gagaagaggg ctggaaaatt   2340
ggatccacac ctagtcctag atcagcttcg ctgtaatggt gtcctggaag ggatccgaat   2400
ctgtcgccag ggcttcccta accgaatagt tttccaggaa ttcagacaga gatatgagat   2460
cctaactcca aatgctattc ctaaaggttt tatggatggt aaacaggcct gtgaacgaat   2520
gatccgggct ttagaattgg acccaaactt gtacagaatt ggacagagca agatatTttt   2580
cagagctgga gttctggcac acttagagga agaaagagat ttaaaaatca ccgatatcat   2640
tatcttcttc caggccgttt gcagaggtta cctggccaga aaggcctttg ccaagaagca   2700
gcagcaacta agtgccttaa aggtcttgca gcggaactgt gccgcgtacc tgaaattacg   2760
gcactggcag tggtggcgag tcttcacaaa ggtgaagccg cttctacaag tgactcgcca   2820
ggaggaagaa cttcaggcca aagatgaaga gctgttgaag gtgaaggaga agcagacaaa   2880
ggtggaagga gagctggagg agatggagcg gaagcaccag cagcttttag aagagaagaa   2940
tatccttgca gaacaactac aagcagagac tgagctcttt gctgaagcag aagagatgag   3000
ggcaagactt gctgctaaaa agcaggaatt agaagagatt ctacatgact tggagtctag   3060
ggttgaagaa gaagaagaaa gaaaccaaat cctccaaaat gaaaagaaaa aaatgcaagc   3120
acatattcag gacctggaag aacagctaga cgaggaggaa ggggctcggc aaaagctgca   3180
gctggaaaag gtgacagcag aggccaagat caagaagatg gaagaggaga ttctgcttct   3240
cgaggaccaa aattccaagt tcatcaaaga aaagaaactc atggaagatc gcattgctga   3300
gtgttcctct cagctggctg aagaggaaga aaaggcgaaa aacttggcca aaatcaggaa   3360
taagcaagaa gtgatgatct cagatttaga agaacgctta aagaaggaag aaaagactcg   3420
tcaggaactg gaaaaggcca aaagaaaact cgacggggag acgaccgacc tgcaggacca   3480
gatcgcagag ctgcaggcgc agattgatga gctcaagctg cagctggcca agaaggagga   3540
ggagctgcag ggcgcactgg ccagaggtga tgatgaaaca ctccataaga caatgccct    3600
taaagttgtg cgagagctac aagcccaaat tgctgaactt caggaagact ttgaatccga   3660
gaaggcttca cggaacaagg ccgaaaagca gaaaagggac ttgagtgagg aactacgagc   3720
tctgaaaaca gagctggagg acacgctgga caccacggca gcccagcagg aactacgtac   3780
aaaacgtgaa caagaagtgg cagagctgaa gaaagctctt gaggaggaaa ctaagaacca   3840
tgaagctcaa atccaggaca tgagacaaag acacgcaaca gccctggagg agctctcaga   3900
gcagctggaa caggccaagc ggttcaaagc aaatctagag aagaacaagc agggcctgga   3960
gacagataac aaggagctgg cgtgtgaggt gaaggtcctg cagcaggtca aggctgagtc   4020
tgagcacaag aggaagaagc tcgacgcgca ggtccaggag ctccatgcca aggtctctga   4080
```

7646

```
aggcgacagg ctcagggtgg agctggcgga gaaagcaagt aagctgcaga atgagctaga    4140
taatgtctcc acccttctgg aagaagcaga gaagaagggt attaaatttg ctaaggatgc    4200
agctagtctt gagtctcaac tacaggatac acaggagctt cttcaggagg agacacgcca    4260
gaaactaaac ctgagcagtc ggatccggca gctggaagag gagaagaaca gtcttcagga    4320
gcagcaggag gaggaggagg aggccaggaa gaacctggag aagcaagtgc tggccctgca    4380
gtcccagttg gctgatacca agaagaaagt agatgacgac ctgggaacaa ttgaaagtct    4440
ggaagaagcc aagaagaagc ttctgaagga cgcggaggcc ctgagccagc gcctggagga    4500
gaaggcactg gcgtatgaca aactggagaa gaccaagaac cgcctgcagc aggagctgga    4560
cgacctcacg gtggacctgg accaccagcg ccaggtcgcc tccaacttgg agaagaagca    4620
                                                                     4654
agaagaagtt tgaccagctg ttagcagaag agaa
```

<210> 9248
<211> 768
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (502)...(758)
<223> similar to gi28332 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

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    <400> 9248
tacattgaga cagagctaaa gaagaggaaa ggaaagatgg acagttattt tggtcctata     60
aagcccaaag gtggggaagt gtcaagaagg aagatgaggg cacaagagaa tgtagggcca    120
cccaaaagct ggctctcatt gcaattacag aaagaaaaac caaaataaag aaagaaagga    180
aagaagctcc catttattga gcagctactc tcaccagcca ttcacatgca atacctcgtt    240
taattctcgc agcggctctg aaaggtggat ggtggtattg ccatttgtta ggtaggagac    300
atgccgtcca gaaaagcaaa taattaaaca ttcaaagttg acctgggccc atttgaaaat    360
tccttttgct ccctcatttt aacccctaaa gtaaagccgt ttggtgaact ttaatgagct    420
tttaccaagc atctcctaaa accaagaatg gaggtgaaag attgtggagc ccacaaccta    480
gagaaaggat tgacaatttt tttccataaa gggcctagta gtatgtattt taggctgtgt    540
ggtccacatg agggcagatt cttctttttg acttcctcct ctgcatcttc ttcatcttct    600
ctttcctctt cattttttt acaacttccg ggacgaggag ctgtcctgca ccgtggtgga    660
gctgaagtac acaggcaatg ccagcgcact cctcatcctc cccgatcaag acaagatgga    720
                                                                     768
ggaagtggaa gccatgctgc tcccagagac ctttgcccta tgctgcct
```

<210> 9249
<211> 963
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(964)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (198)...(963)
<223> similar to gi4206761 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9249
ctgctgggag agtctttttg atcgtttccc atgtgttgtc agatagctcc atagaattca   60
gtttctgaga accagccaga agcatgcagt gacattgcac aatctgcctc tgaagctgga   120
gatactagct gcagagctca ggggagctgc tccacatcac cgacatgaag ggaacaggca   180
tcatggactg tgcgcccaag gcactcctgg ccagggcact ttatgacaac tgccctgact   240
gctctgacga gctggctttc agcagagggg acatcctgac cattctggag caacacgtgc   300
cagaaagcga gggttggtgg aagtgtttgc tccatgggag gcaaggcctg gcccctgcca   360
accgcctcca aatcctcacg gaggtcgctg cagacaggcc gtgcccccca ttcctgagag   420
gcctggaaga agctcctgcc agctcagagg agacctatca ggtgcccact ctaccccgcc   480
ctcccactcc aggccccgtt tatgagcaga tgaggagttg ggcggagggg ccccagcccc   540
ctactgccca agtctatgaa ttccccgacc ctcccaccag tgccagaatc atctgtgaaa   600
agactctcag ctttccaaaa caggtacgca tacttccacc tactagacat gggttgaggg   660
gtatggaaac acccagaggc ctaactacct cttgaggcat gggtgtcctt cagatcaaac   720
acgcaaaacg ggagcccaga ttgctggcaa tcacgctcgg ggagcttgtg tgccaggttg   780
ggatggagaa ctcagcggcc tccaccccct tgtcgttgac acccttggcg ccactgtgat   840
tccccagctc ttccaagggt ggggcacact ctgtggggga aatgggaatg cttagcttga   900
gctgttgtgg gaaggcactg agggatgttc gtngcaccct ttttcaacag gatgaaggga   960
tca   963

<210> 9250
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(432)
<223> similar to gi403460 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9250
tttttttttt ttgaaacagt ctgtttccca ggctggagtg tagggatcca gtcacagtta   60
attgtaccct caaccttcca ggctcaaaaa atgctcccac cacagcctcc caggtaggga   120
gtacctggaa ctacaggtgt gtgctgccac acccgactaa ttttttgta aaaacggggt   180
ttcgctgttc ccaggctggt ctcaaactcc tgggctcaag tgaacctccc gcctcggcct   240
cccaaagtgc tgggattcct ttctttattt ctgtagaatc tattttatgg ttggcatttt   300
gggggaagat ttcgatgggt tccacattct tgctttagtt gttgtagagg gatttgggtg   360
tttctaccca aggcattggt ctagcttttc ctacaatgaa cctatctttg gaggttcaag   420
ctccccacct tc   432

<210> 9251
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (78)...(784)
<223> similar to gi2460055 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9251
ctccaagact cctgcaggag cctgccttcc tgggcaggct cagccaaaag accaactcaa   60
aactcttttg tcagagcaag cttagggaga gccacccagc cccgagtgcc acaaccctcc   120
cagagcaacc gtggcccatg tcacccccgc ctctcagtga actttggcag ggtacctccc   180
gttatctcct ttgctcaaaa gaaagtgacc ttcttccagg tggcaagctg gaagctttgg   240
ggaatcctcc tactgttcgc tctcagcagg attctccaaa cctgggatct caaggtcggg   300
gtgggctgcc ttgcggagca ggggagggaa gaagggcagg ttctgctggg tttccacctc   360
agtgcagaaa ccccaccaaa aactcctccg ggcagcctgg ctgtctgctc caactgctct   420
gctgggtatg gcgaggaggc gccaggagac acagctgctg aggggccgc ggctgcaggc   480
gctgcagggg acggagtgga gccgttcccg ggggcagagg gaagaggctg cagtcgtcca   540
gtcccagagc cccgagatgg cctgtggctg agggagcagg tgggcccggg ggaggtggcg   600
ggccgagagc ggagctgcgg cctcgggatc acagcccagt cccagtccca gtcccagtgt   660
gggtgtacgg ccgaaacgcc cggaggcggc ggggagaggg gagcagcttc agcctagtcg   720
caggagcgcg gtccgagcct cgagctattg gggagagggg tccacgcgtc cgccctcgcg   780
tccg   784

<210> 9252
<211> 1236
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (953)...(1234)
<223> similar to gi1247386 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9252
aggacttcgg cacgagcggt gacggtgtgg cagagaggcc ccgaagcctg tgcctggcct   60
gaggagcagg gcttatctgc ttgtgagcag ggtccacacc aagtcgtgtt cacagtggct   120
aagttccgcc ccccaggccc tcacctcctc tggccttgcc gcctgtcccc tgctgccgcc   180
tgtctgcctg ccatcctgct gcctggcctc cctgggctct gcctcccgtg cctactgagc   240

```
tgaaacacag ttggtttgtg tacactggct cagttcagca ggaacagggg tcaagccccc    300
ttggagcctg cagcccctgc cttccctggg tgggctgatg cttggagcag agatgaggac    360
tcagaatcag acctgtgtct ggaggaggga tgtggtgggt ggggttggct gggcccaaat    420
gtgtgctgca ggccctgatc cccaactctg caactgggga cccctgcatg gccacagctc    480
aggctgggct gtggtgccag catggatagg tgggtgagtg ggtggccctt ccattaaaag    540
ggaagccagc tgtgtccttt ccgggcctgg aggcttggcc cctcctctcc caagcctggc    600
aggggcactg gcccggcccg caccttccta gcagccagtt acccaagagg aagctgcctt    660
gggcctccag accgttaaat gccaactcct ggcttccggt atcaggctgg gttgacctga    720
cctggcccct tcttgctggg ccctgcagct ttctaacttg ccgggaggag cagtgacacc    780
cgccccacat gtggggcatg gaacaagttc cttgtggacc cagaagggac acaagcaggt    840
gtgcttagtc ctgaggcgct gggaatagct gatcctccct gccttgaggg ggttctcagg    900
gcagggaaga gttaggactc tggttttttt tttttggttt ttttttttg gaaaggggcc    960
cccccccttgc cccccggccg gggggaaag ggttaatttt ggtttctttg acccccccccc   1020
ccccagaga acaaaaattt ttcggcctca cccccccagg gtgtggggat taggggggccc   1080
cccccccccc ccgggctatt tttggttttt ttggaaaaac ccggtttttcc cctttgggcc   1140
cggggggtc caaacctttt gccccggggg gattccccc cccacccccc cccaggggg     1200
gggttaccgg ggtatgaccc ccgggccccg cccatt                             1236
```

<210> 9253
<211> 589
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (355)...(560)
<223> similar to gi939954 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9253
```
ttcccagtga ctgctatggc tattgccccc aataccaaca accttgtcat cgctcattcg     60
gaccagcagg tatttgagta cagcatccca gacaaacagt atacagattg gagccggact    120
gtccagaagc agggctttca ccaccttggg ccccaagggg atacccctat caacacaaca    180
tcagtttttca tcccaagaga ccgatgcaca tccttctcca tggatgccta catgttctgc    240
atcatttgac aagtcattgc ccccttccca aatgacaaaa accttactcc tacaatccca    300
tttccctccc cacgaatgaa tcagatgtca tccggaggcg cacagctcat gcttttaaaa    360
tttctaagat atataagcct ctactcttca tggatctttt ggatgaaaga acactcgtgg    420
cagtagaacg gcctctggat gacatcattg ctcagctccc accacccatt aaaaagaaga    480
aatttggaac ctaaaacagg gcactgtctg tgtccttcct tgaactgtct accctgttgc    540
ttttcacaaa tcatggtaat aaaacaagtt attcttgaaa aaaaaaaaa                589
```


<210> 9254
<211> 1577
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1350)...(1577)
<223> similar to gi9451 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9254
tttttttttt ttagagtcat gaccttattt atttacaagc acaggataag tccctaacct   60
cccccaaaga ctgagcaacc ctacccagcc cagttaaata ctgcaactgg gggggtaaaa   120
aaggtcggga ggaggaatta agggaaatac aggaataggg gaacatatcc cacattaaat   180
agttatatac acatcagttc ctgtggttct gtacagagca gcggctgacc ccaccccac   240
aggacacaat gtggggagag gagactgagg gtactgaggc cagagccaac ctctggtgaa   300
gtgcaatagc agcagcaaag tcctaatggt gcacaagagg gaggggaacc cccagggcta   360
cccacccca ccctgccctg gaatgtgtaa gggacaggaa tggctctcag ggagcacaca   420
ggaaggacaa ggctggaacc gtcttcaggg cccagtttta agggcaacgt tttgcctact   480
tcaccctaga cacagcaacc cttggaggaa agcagatggt cagcagtgct cttatctgcc   540
cctccaaacc taagtgaggg cctggttcct tcctacctct ccccagggaa aaggaaggca   600
gctgcttggc ttccttctag aagcccccggg agcctttaac taccccagct cccttcgtag   660
tgtcactgtc cccaccaggg aggggccagg cacagtctgt gggtcatcag gctcaggaga   720
agttctggac agggtggctg accttcatac aggcccaata aagagcccgg cccaaacaca   780
gcacagccaa caggatgaca aatgcccagg ctgcatagat gcctccatat cgccgtgcat   840
gcttccatgt gccaaaggca aggccagtgg cagtgactgc caaaagcaag ccaagcaaga   900
agcagcagat acatctctta cgtgggtatc tgcgcccaat agatgacact ttcctgcagt   960
gaggacaacg tgccaaagtg cggtctgtga actctgtcca cagaaaagta ttcttgcaat 1020
gtccacagat aaccctgaca cccatgggtt ggggttctgg actcagaggt ccgggatgca 1080
caggccccag gttgatgatt cttttgcagt agggccgagg gcatgcaatc cgttgggatg 1140
tcactttgca gataaggaga cagttacagg ggcatcgaac atatttttc cctgggggtg   1200
cattcttgat tggggtggct tcattgcaga caccacattt gactacatgc tgatgcatct 1260
tgccttccac gttgatgaga gattggcaga ctcggcaggt gatcataggg gcactcccac 1320
tgtccgggct agttaagggt gaatagggg gtgggtcctc cccaggcaac acggctggat   1380
gcccctcggg aaacggggga aatgcggctc cgtacggtgg tgcggagggg gtcaggcctc 1440
ccccgggccc agccccactc ccgccgggcc ccactaaacc gttgccgccc gcgccaccgt   1500
cgatgggctc agacagcagc ggggaacgct ctccatctgc cgccatggcc gccaccgccg 1560
cctcccgctc aggtcgg   1577

<210> 9255
<211> 1266
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (31)...(793)
<223> similar to gi5052319 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9255

```
cggcacgagc gcccgcaacc ggggcgaatc atggcggccg ccaaggtggc tttaaccaag      60
agagcagatc cagctgagct tagaacaata tttttgaagt atgcaagcat tgagaaaaac     120
ggtgaatttt tcatgtcccc caatgacttt gtcactcgat acttgaacat ttttggagaa     180
agccagccta atccaaagac tgtggaactt ttaagtggag tggtggatca gaccaaagat     240
ggattaatat cttttcaaga atttgttgcc tttgaatctg tcctgtgtgc ccctgatgct     300
ttgtttatgg tagcctttca gctgtttgac aaagctggca aaggagaagt aacttttgag     360
gatgttaagc aagttttttgg gacagaccac aattcatcaa catattccat ttaaactggg     420
attcagaatt tggtgcaact acattttgga aaagaaagaa aaagacacct gacatatgcg     480
gaatttactc agtttttatt ggaaatacaa ctggagcacg caaagcaagc ctttgtgcaa     540
cgggacaatg ctaggactgg gagagtcaca gccatcgact tccgagacat catggtcacc     600
atccgccccc atgtcttgac tcctttgta gaagaatgtc tagtagctgc tgctggaggt     660
accacatccc atcaagttag tttctcctat tttaatggat ttaattcgct ccttaacaac     720
atggaactca ttagaaagat ctatagcact ctggctggca ccaggaaaga tgttgaagtg     780
actaagggtg agtgagaata tatctgaatt ctagcctgca agtattgtgg tgtattatta     840
ttagggtgaa gaaggcaact agtactttat tattttcta tcccattgac acatattaac     900
tatatgataa cgtgtgtttt tcatcctttg atcagacaaa caaaagcaaa caaaacaatc     960
ttcaccaagt tttaaacaaa ctgggcccgg cttggtgact cacacctgaa atcccagcag    1020
tttgggaggc cgaggtgggt ggatcacctg agatcaggag ttcgagacca gcctggccaa    1080
gagggtgaaa ccctgtctct actaaaaata caaacattag ttgggtgtgg tggtgggcac    1140
ctgtaatccc agctacttgg gaggctgagg cagaagaatc gcttgaacct gggaggcgaa    1200
ggttgcagtg agccgagatc acgccactgc actccagcct gggcaacaag agcaaaatgc    1260
catctc                                                              1266
```

<210> 9256
<211> 979
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (167)...(981)
<223> similar to gi1799804 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9256
```
atgagctaac attaaacata accataacat tcaagtcatc aatcttttcg tagtcataat      60
cctggtctat cagagaaatc accacaatcc atttaaatga atttgataat cattctcgtt     120
tggcatagca tgaaacatag caaaggctat gttttagagg cacaagatga cgaactatcg     180
cgttgagagt agcagcggac gggcggcgcg caagatgagg ctcgcattaa tgggacctgc     240
gttcattgcg gcgattggtt atatcgatcc cggtaacttt gcgaccaata ttcaggcggg     300
tgctagcttc ggctatcagc tactgtgggt tgtcgtttgg gccaacctga tggcgatgct     360
gattcagatc ctctctgcca aactagggat tgccaccggt aaaaatctgg cggagcagat     420
tcgcgatcac tatccgcgtc ccgtagtgtg gttctattgg gttcaggcag aaattattgc     480
gatggcaacc gacctggcgg aatttattgg tgcggcgatc ggttttaaac tcattcttgg     540
tgtttcgttg ttgcagggcg cggtgctgac ggggatcgcg actttcctga ttttaatgct     600
gcaacgtcgc gggcaaaaac cgctggagaa agtgattggc gggttactgt tgtttgttgc     660
cgcggcttac attgtcgagt tgatttttctc ccagcctaac ctggcgcagc tgggtaaagg     720
aatggtgatc ccgagtttac ctacttcgga agcggtcttc ctggcagcag gcgtgttaag     780
gggcgacgat tatgccgcat gtgattttat ttggcactcc tcgctcactc agcatttaca     840
tggcggttcg cgtcaacaac gttattccgc caccaaatgg gatgtggcta tcgccatgac     900
```

7652
```

```
tattgccggt tttgtcaatc tggcgattat ggctacagct gcgtcagagt taaactttta      960
cggtcatacc ggtgttgcc                                                     979
```

```
          <210> 9257
          <211> 403
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (153)...(403)
          <223> similar to gi5059039 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters
```

```
          <400> 9257
atgaggtccg tttcacacac ggtgctgcta cctcgtttgc ttcgtgcgtg cgtgcgcaga      60
tgtgggcccc gcgggagcag ctactgggct gggctgcgga agctctgcct gccaaggatt     120
ctgcctggcc ctgggaagag aagcctagat atctgggacc agtgactttc gaggatgtgg     180
ctgtgctttt cactgaggca gagtggaaga gactgagcct tgagcagagg aacctataca     240
aagaagtgat gctggaaaat ctcaggaatc tggtctcatt ggttctggaa ctgggaaatc     300
caagatcagg gctcctgccc ctggacctga acctggatct ttggctttga tgttggacct     360
tgtgtgtgga tatgaacttt gaacctgcac cttggaacta aac                       403
```

```
          <210> 9258
          <211> 1118
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (152)...(6)
          <223> similar to gi522145 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters
```

```
          <400> 9258
catgaactcc cggccttaag tgacccacct gcctcggcct cccaaagtgc tgggactata      60
ggtgtgggcc actgcgcccg gccagtgtat tttaaaatta taaagccgat atattacaaa     120
gtaaaatgca ggggaaaaaa agtcacaaga agtataaaga ttggatgctt cttgtgcttc     180
tttttgtaaa atacagatga tcctcaagaa gtaacttgag cagattttct actggctttc     240
aaattgataa ccctacaccc cctataaatt tttacattcc ttaacagagc taaccatagg     300
aacttccaaa taatttctca gtggaaatga gtcttcaaaa tcacacatgg ctcataagag     360
ttttgctttt ttaatgcctt ctcaaaggac ccagactgct agattttcat aataactact     420
ttaaccagat agacttacta tagggtggta gttccccact aaaagatact tttctcttgc     480
```

```
ttagtagtca ccttcctgtg ttctagagct tccctatgct tttaaaatat gcattattac      540
aacagttctc ctaaaaacaa aaccccata agagctgctg cactcgggga gccctgaatg      600
aattttaaag cagcgcctga gtcctgcatt ctttcttcat tgtccttttt gcttaatttg      660
cctgtggtgt accatcaacc ttacaatgga gacagagaga aagtactccc cctaacctat      720
ttaagaaaca tttgcaatat actgtttttt ttttttacaa gtctttaatt aaaaaactca      780
acaaaaatat ataattgagc attttacata atgcatacat tcttaatatc tgcaggtaag      840
ataaacaaca gaaggcaaaa gcagatatgc tgtattgctt ctttggcaac tcaccaatat      900
catcccctgc agaaacagag ttttttttttt ttttttttta aatccatggt cttaaaataa      960
ttgtccctta gtataaacaa aatatttagc aataatacag tagacggatt cttcaaattc     1020
acaacaattt ataatacttt ataccacaag ggtaaactag taagctgctt tctaaaatta     1080
aggcagcagc agtgtttaga gggggagtaa aaaaaaaa                             1118
```

```
<210> 9259
<211> 361
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (13)...(362)
<223> similar to gi183885 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9259
ccgtacgctg ctactcccaa ctccatgcct aattcttcag aggaccacag ggctactatc       60
acaagcctgt gagacaagga caatgctgac tatcctggat gaaaatcctt gctaatgctc      120
ctgcatgtct acccacggac ccaaaggctg tttcacggct atgtctacct gtcctcagcc      180
tctgccatca tggtctaccc ctatgtctag gcacatggca agaaggtgct gacttccttg      240
ggagatgcca caaagcacct ggatgatctc atgggcacct ttgcccagct gagtgaactg      300
cactgtgaca agctgcatgc ggatcctgag aacttcaagc tcctgggaaa tgcgctggtg      360
                                                                      361
n
```

```
<210> 9260
<211> 556
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (398)...(558)
<223> similar to gi288145 in the genepept database release 114,
```

Run with FASTXY 3.3t00, default parameters

```
    <400> 9260
gaaatgccta ttttcatttc tgatcttact tacttgtgtt ttttctcttt ttaattattc      60
ttactagaag tttatcaatt ttattactct ttccaaagaa caagcttttg gctttgctaa     120
ttttctctat tatttacttg ttttaaaaaa tgtattggtt tctgctctta tctttattat     180
gtttttcttc tacttagtat taatttagtt tgttcttttc ctagcctctt aaggtagaaa     240
cttagataat tgattttaag ccttccttta ctatatgggc acttgaaaag ctatacattt     300
ccctctgaac actaccttca tttgctacaa acatttgcta cattcaacaa atatttgaat     360
gtgtgtgttt taattttcat tcatcacaaa cccgtggtcc cagctattca ggggactaat     420
gtgggaggat cacttgagcc caggaggttg aggctgcagc aagccatgat tgtgccacta     480
cattttggcc tgggcaacag agtgagaccc tgtctcaaaa aacaacaaca acaacaacaa     540
caacaacaaa aaaaaa                                                      556
```

```
    <210> 9261
    <211> 392
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> misc_feature
    <222> (150)...(389)
    <223> similar to gi28547 in the genepept database release 114,
        Run with FASTXY 3.3t00, default parameters
```

```
    <400> 9261
ggctgttaag tgacactgat tctccccgcc ccgcctgacc cccgagaagg aggcttgttc      60
cccgctgcgt gaggggtgg ggaagtgctt actgaattat gatctacctg ggaggcttga     120
gtacgattat tgcgcccgct gtctatactg gcgcgtttgc cctggatagg atgaccctgc     180
ccttcctcat caccatgacc tacttaccgc acttacacct gagccacggc tctgtccagg     240
ttaccggcct cggtaagaag gtgtgctatg cactgaccaa cgccgtgacg cacgtggacg     300
acatgcccaa cgcgctgtcc gctctgagcg acctgtacgc gcacaagctt ccagtggacc     360
cggtcaactt ctagctccta tgccactggc tg                                   392
```

```
    <210> 9262
    <211> 356
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> misc_feature
    <222> (172)...(342)
    <223> similar to gi4481755 in the genepept database release 114,
```

<400> 9262

```
ataaaattgg ctgcccaaca ttctgaacta ctaaggggaa tttgctgtag gagaaccccta      60
aatctcagaa agagatgaca ttaggctttg ctcttatggg ccgagaatta gttaatgatt      120
taagcaactt gatttagggg tacctctagt acttctctgc taaagcattt gtccagacac      180
cgcgaatggc ttgcaagacg cctttcttac gtactttta ttcatgagcg agatgtgcat       240
atgggcatgt ttgccaccaa tgtgactgga aatgtgctga acagcagtag gtaagggcgg      300
tgcatggtgt ctaggtggga agaggcaggg atggacggta ggagtgggag gaggat          356
```

<210> 9263
<211> 543
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (339)...(546)
<223> similar to gi405192 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9263

```
tgtgtgtgtg tttttctttt taattctcaa gactgtatat atatatgtag cttacaaaga      60
tatctaaagt ctgaaaatgg gtgtgtgcat tttcagaatc taaaaatttt gaggctgtaa      120
cctttggtct tggcacctct cagtggtcca ggatggataa atacaagggc agcttgcctg      180
ggaataaagt taagagacaa gtatttttgt ttcctcttca taactgaggt ggaaaagcag      240
tagcctaaac aatgttagtc ttgctggaga gcgcatgaat gcgatcttag caagacccta     300
aacctgtaac tagtgtaatt ttgtgtttcc tttttagctc cggaccaaaa tttaacagtg      360
ccatccgagg aaagattggg ttgcctcata gcatcaaatt aaggtttta aacatacttc       420
tgaattgttt aaattgtttt tcaaggaact aacatgctgt acttgtttgg ataacttctg      480
aaactttta actttgcagc agacgacgtt cccgaagcaa aagtccattc agaaaagaca       540
aga                                                                    543
```

<210> 9264
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (66)...(355)
<223> similar to gi4512283 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
      <400> 9264
taccttatcc ttgcatggcc aggcatttac acttggtgat catcacttcg cacagaggac    60
tcaccatgga gattgggctg tgctgcgttt tccttgtcgc acttatagaa agtgtccctc   120
gtgaggtaca actggtggag tctgggggag gcttggtcca gcctgggggg tccctgagac   180
tctcctgtat agcctctgga ttcgacttca ataaatacag tatgaactga gtccgccagg   240
ctccagggca ggggctggag tggatttcat acattagtat aagtagtcgg accatatact   300
acgcagactc tgtgaagggc cgattcacca ttttcagaga caatgccaag ag           352
```

```
      <210> 9265
      <211> 339
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (7)...(340)
      <223> similar to gi34199 in the genepept database release 114,
          Run with FASTXY 3.3t00, default parameters
```

```
      <400> 9265
gtgaaaatgg gtcattagtc acttgaccca gaaatcccca caaaatcgtg caaatccaga    60
ggttcaggtc ttcttgatca ctttaagaac gctcgtgaaa ctgcccaggc catcaagggt   120
atgcatacgt gagaagtcac caagtgtctg aaagacgtcc ctttatagaa acagtgtatg   180
ccattccgac ttggcagggg tggagctggc aggtgtacct aggccaaaca gtggggctgg   240
acacagggtt ggtgacccga aaagagcgct gaatttttgc tgcacacaat taaaaatgtg   300
gagagtcaca ctgaatgtga gggtgtagat gtaggctct                          339
```

```
      <210> 9266
      <211> 385
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (150)...(370)
      <223> similar to gi1334115 in the genepept database release 114,
          Run with FASTXY 3.3t00, default parameters
```

```
      <400> 9266
```

```
aatgtacaaa ataaaataaa aattttaaaa accctattat aattatattt tacgtaaatc        60
tcatggtaac cacaaagcaa aaaactttag taaatacacg aaagataaaa attaaggaat       120
aaagcctacc actagagaaa atcacctaat cacaaaggaa gacaagaaga gaggaagaaa       180
gcaacaaagg atctacaaaa caaccagtga acaattaaca aaatggcagt agtctttacc       240
catcaataat taatttgaat gtaaatgtct taaattctcc agtcaaaaga cagagactgg       300
ctgaatggat aaaaagccaa tacccaacta taaactgcct acaagagatt cgcttcacct       360
ataagggaca caggtagact aatag                                            385
```

```
        <210> 9267
        <211> 460
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (54)...(181)
        <223> similar to gi4206161 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9267
ggaattcgga gaagacagct gttaccaggg aggtcataca acattttttt aggatgtctg        60
aagatgatta aaaagtgaaa ttacgccgtc ttgaaccagc tatccagaaa ttcattaaga       120
tagtaatccc aacagacctg gaaaggttaa gaaagcacca gataaatatt gagaagatta       180
tttatctcct ggtcatcaaa gatttccttt ttttatttac ccaaagggga caggagtcag       240
tctgtgtatt ggaagatgtg accatatttg gtgagagtgg aggggtagaa aatattttgc       300
aaatgaggga tgtttactgc cttcctgact gtagactgaa ggaggcaagg actttgacat       360
tttccccaac gcctatctgt atttccaatg cctgtcacat agtacgtgct caatggatat       420
tgattgaact aactaaaatt gtccttatct actgtcaaac                            460
```

```
        <210> 9268
        <211> 689
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1)...(690)
        <223> n = a,t,c or g

        <220>
        <221> misc_feature
        <222> (347)...(649)
        <223> similar to gi793757 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters
```

<400> 9268

```
cagaaacaaa gtaggtgttt aatttggcat gagagtaaat gtgtactcct agtcactaaa    60
atgggctttg ttggggaaaa tttaaatgtt tgtctttttt cattgagaat cctatgctgc   120
cggtgtatct gtctgatttt taaaggtgct gctgaatgta ctgcctgctc agggtttttca  180
tgacagtatt gaaatgaaaa tgtattcagt tatagtgttg aagtaatcca ggtttaattt   240
aaagactagt attataccag gggtttgaat ttttgaaaga ttatgagtac tacacaatga   300
aacgattatc gacatcacag taaaacatcc tattctgttt tctgacagaa tggaagtgac   360
aggtcttgag gaaggcaaat ggtatgccta ccgcgtgaag gccttaaaca ggcagggtgc   420
tagcaaacca agcagaccca cagaggaaat ccaggctgtg gacacacaag gtatctattt   480
ttgatttttg tcttatcaaa taggcctctg accttaaatc tgcttgaact tgataacatc   540
ataaataatc ttttccaatt cagaggcccc agaaatcttc ctcgatgtga agctccttgc   600
tggtctcact gtaaaagctg ggaccaagat tgaacttccg aattccnccg cgctgatcta   660
tggtctcgat tnnnnnntnn cccgacctc                                     689
```

<210> 9269
<211> 699
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(700)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (304)...(685)
<223> similar to gi733571 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9269

```
ggggaggcgc gtcgcgaggc gagcgtgcct ccttttgtgc gagcgccggc ggctcggctt    60
ctcgaaggag aagaaactga ggcctggaat ttgattaact cattcaaggt tacccagttg   120
gtaattcatt tgcacacctg ttagcaagaa acagaagttg aaggactgga acaagtgaac   180
taggaaagag ggaacgccaa tccaaggata gaaggacaag gacagaatca ccagcactgg   240
ctgaaggtac cttaacatgg ggaatcttct taaagttttg acatgcacag accttgagca   300
ggggccaaat tttttccttg attttgaaaa gtggcagatg cccagcctac agagtctgag   360
aaggaaattt ataatcaggt gaatgtagta ttaaagatg cagaaggcat cttggaggac   420
ttgcagtcat acagaggagc tggccacgaa atacgagagg caatccagca tccagcagat   480
gagaagttgc aagagaaggc atggggtgca gttgttccac tagtaggcaa attaaagaaa   540
ttttacgaat tttctcagag gttagaagca gcattaagag gtcttctggg agccttaaca   600
agtaccccat attctcccac ccagcatcta gagcgagagc aggctcttgc taaacagttt   660
gcagaaattc ttcatttcac actccnggtt tgatgaact                          699
```

<210> 9270
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (176)...(385)
<223> similar to gi5353573 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

        <400> 9270
acggctgtgg ggcagagaag cgtgaaggcc tggctgacgg gcaggtgaac tctccacggg   60
ggctagggcc cgcgaaaggg ttcggaaccg agtcagcgcg ccttgtgggc aggattcacg   120
ccgctgagac ccggaggtcc tcacggggcg aagccccggt ctatgcctag cggagatgcc   180
cagctgcggc gcttgtactt gcggctcggc ggccgtccgg ctcatcacct cctcactcta   240
cttcgcgctg acaggtattg ctggaggccg cattcatatg gcagccttag gaaggcttga   300
cacatttgaa actcagagtc tgcgctgagc tcctggtaga tcctttacac aaacaccagc   360
                                                                    383
atactttggc tccaaagacg ggg

        <210> 9271
        <211> 373
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (4)...(284)
        <223> similar to gi285901 in the genepept database release 114,
              Run with FASTXY 3.3t00, default parameters

        <400> 9271
agaatggaga ccaaacctgt gataacctgt ctcaaaaccc tcctcatcat ctactccttc   60
gtcttctgga tcactggggt gatcctgctg gctgccggag tctggggcaa acttactctg   120
ggctcctata tctcccttat tgccgagaac tccacatatg ctccctatgt gctcatcgta   180
actggcacca ctatcgttgc ctatcctcta gtttgattct tcttctccta ttcttctggg   240
ttctcttaca ttctagccgt ccgcctcatt gctggaattg ctctcgtcta caactacatc   300
cctcgatctt catcgcgtgc gttagtccgt ctcgtcgtct tgcttcgttt cctcctctct   360
                                                                    373
cgtcatcctt ccc

        <210> 9272
        <211> 411
        <212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (21)...(408)
<223> similar to gil63042 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9272
agaacgcaga acatccaggc atggatagac atgatctgtg tcagaaggcc aaactggccg   60
agcacgctga gcgagatgat gacatggcag cctgcatgaa gactgtaact gatcaaggag   120
ctgaattatc caatgaggag aggaatcttc tctcagatgc tcataccaat gctgtatgag   180
cccgtaggtc atcttggatg ggcgcatgac gtatcgaaca aaagaccgaa ggtgctgaca   240
cacagcagca gatggctcca gactgcagag agatttttgc gacggagcta agagatatct   300
gcgatgatgt actgtctctt ttggaaaagc tcttgatccc caatgcttca catgcataga   360
gcttagtcta ctatttgcac atgatcggag attactaccg ttactggctt n   411

<210> 9273
<211> 371
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (17)...(373)
<223> similar to gi306820 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9273
cggaatgccc gtcaccatgc cgtgcgagtc ttctatggta ctcgggtact gggatattcg   60
ggggctggag cacgccatcc gcctgctcct ggagttcacg gatacctctt atgaggataa   120
actgtactca tgcggtgaag ctcctgacta tgaccgtagc cactggctgg atgtgatttt   180
tacgctaaac ctggactttc ctaatctgac ctagctcctg gatgggaaga acaagatcac   240
cgatagcact gccatcttgc gctgcatcgc tcgcaagcac aacatgtgtg gtgagactgt   300
gtacgataag attgctgggg acatcttaca ctgcctttta atggatttcc gcacggtaat   360
gtgaaaggtt g   371

<210> 9274

<211> 176
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(177)
<223> similar to gi1841302 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9274
gcaaagatgg taaacgtacc taaaacccga agaaccttct gtaagaagtg tggcaagcat   60
cagcctcaca aagtgacaca gtaagaagag ggcaaggatt ctacgtatgc acaggaaagt   120
aggcgttatg atcgaaagca gagtggatat ggtgggcaga caaagccaat tttccg   176

<210> 9275
<211> 333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(332)
<223> similar to gi401774 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9275
tggcggcggt ccgctgggga agatgccgcg ggcgcagttg gcggacccgt ggcagatgat   60
ggctgtggag agcccgtccg actgcgctga caatggacag caaattatgg atgaacctat   120
gggagaggac gagattagcc cacaaactga ataagtcagt atcaaagaag ttgctgtcac   180
acattgtgta aaggaaggac atgataaggc agatccttcc cagattgaac ttttaagagt   240
cttacggcag ggatcattgg gaaaggtgta cttaggtaag aaagtctcag gctctgatgc   300
taagcagctg tatgccatga aggtattgac gag   333

<210> 9276
<211> 345
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(348)
<223> similar to gi490104 in the genepept database release 114,

```
     <400> 9276
ctgtgacaga gtgcaagacg atgacttgca aaatgtcgca gttggaacgc aacatataga      60
ccatgatcaa caccttgcac cattactcag tgaagctggg gcacccagac accctgatcc     120
acggggaatt caaagagctg gtgcgaacag atctgcataa cattctcatg aaggagaata     180
agaatgacca ggccatatag cacatcatgg aggacctgga cacaaatgca cacatgcaga     240
ttatcttcaa agagctcatc atgctgatgg cgatgctaac ctggtcctac cacgataata     300
tgcacgatgc tgactatggc cctggtcaac aacataggcc aggcg                     345
```

```
     <210> 9277
     <211> 389
     <212> DNA
     <213> Homo sapiens

     <220>
     <221> misc_feature
     <222> (119)...(379)
     <223> similar to gi455994 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters
```

```
     <400> 9277
ggcacgagaa ttttatttat tcaatttttg ttacttccca cttttgctga ggcaacctaa      60
ataacaaaca gagagaagcc ctataaaaga aaatgacatt tgagaatacg gcattgcagc     120
gggaaaatac atgccgtaaa ggactatgga cgtatacccg ggtgcacaga aggacaatgg     180
cagttatagc aaccatgact atgactatgc cattatgggc aaccccaaag ttaaggcaca     240
tggcaggaag gtgctgactt ccttgggaga tgccataaag cgccattatg atcttacggg     300
cacctatggc caacttattg aactgctctg tgataagctg catggggata ctcgaaactt     360
ggggctactg gaaaatgcgc ggggggggcg                                      389
```

```
     <210> 9278
     <211> 438
     <212> DNA
     <213> Homo sapiens

     <220>
     <221> misc_feature
     <222> (265)...(439)
     <223> similar to gi2911265 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters
```

<400> 9278

```
ggcacgagcg caactaatga atcttacagg aagaaggtga ttctcgttta tgaggtgatt    60
tggtaactct gtacatcact gtattctaca caggctatga cggagataac ctggttgggc   120
cagcttggaa atcgggcaca ggcaggaagg ggcctgtctg gtttgggccg tgtccacaga   180
gagcacttct taggtcctgc ctggagagaa ggaatggctg ggctatattt tcttccagac   240
tcattatttt tcttctgttt gacttttctc tgaattctcc ttgatttgta taatacttct   300
caattattac cggcagattc tactgattgg gtactgaatc ttgatcgaca gcttcatagc   360
gtgatgcatg actacacctg ggaggacgac tgcgatgaga aaatccgcat ctacaccctg   420
                                                                   438
gtcctgcatc tgctctcg
```

<210> 9279
<211> 1781
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (81)...(1658)
<223> similar to gi3924931 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9279

```
tttcgtcgct ggcccagcat cggagtgtgg cagtgctggg ctggccggcg ggctgggctg    60
cggcccgcgc gcggccggcg atgcaggggg gcaactccgg ggtccgcaag cgcgaagagg   120
agggcgacgg ggctgggggct gtggctgcgc cgccggccat cgactttccc gccgagggcc   180
cggaccccga atatgacgaa tctgatgttc cagcagaaat ccaggtgtta aaagaacccc   240
tacaacagcc aaccttccct tttgcagttg caaaccaact cttgctggtt tctttgctgg   300
agcacttgag ccacgtgcat gaaccaaacc cacttcgttc aagacaggtg tttaagctac   360
tttgccagac gtttatcaaa atggggctgc tgtcttcttt cacttgtagt gacgagttta   420
gctcattgag actacatcac aacagagcta ttactcactt aatgaggtct gctaaagaga   480
gagttcgtca ggatccttgt gaggatattt ctcgtatcca gaaaatcaga tcaagggaag   540
tagccttgga agcacaaact tcacgttact aaatgaatt tgaagaactt gccatcttag   600
gaaaaggtgg atacggaaga gtatacaagg tcaggaataa attagatggt cagtattatg   660
caataaaaaa aatcctgatt aagggtgcaa ctaaaacagt ttgcatgaag gtcctacggg   720
aagtgaaggt gctggcaggt cttcagcacc ccaatattgt tggctatcac accgcgtgga   780
tagaacatgt tcatgtgatt cagccacgag cagacagagc tgccattgag ttgccatctc   840
tggaagtgct ctccgaccag gaagaggaca gagagcaatg tggtgttaaa aatgatgaaa   900
gtagcagctc atccattatc tttgctgagc ccaccccaga aaaagaaaaa cgctttggag   960
aatctgacac tgaaaatcag aataacaagt cggtgaagta caccaccaat ttagtcataa  1020
gagaatctgg tgaacttgag tcgaccctgg agctccagga aaatggcttg gctggtttgt  1080
ctgccagttc aattgtggaa cagcagctgc cactcaggcg taattcccac ctagaggaga  1140
gtttcacatc caccgaagaa tcttccgaag aaaatgtcaa ctttttgggt cagacagagg  1200
cacagtacca cctgatgctg cacatccaga tgcagctgtg tgagctctcg ctgtgggatt  1260
ggatagtcga gagaaacaag cggggccggg agtatgtgga cgagtctgcc tgtccttatg  1320
ttatggccaa tgttgcaaca aaaatttttc aagaattggt agaaggtgtg ttttacatac  1380
ataacatggg aattgtgcac cgagatctga gccaagaaa tattttttctt catggccctg  1440
atcagcaagt aaaaatagga gactttggtc tggcctgcac agacatccta cagaagaaca  1500
cagactggac caacagaaac gggaagagaa caccaacaca tacgtccaga gtgggtactt  1560
gtctgtacgc ttcacccgaa cagttggaag gatctgagta tgatgccaag tcagatatgt  1620
```

```
acagattggg tggattattg ctgtagataa tacaagtgat ccagaactca tgtgcctgga    1680
agcatgatgt tagacgttca gctctagtaa caccctctgt cgctcatgct tgccctcatt    1740
gtaggatggg aggatagccg ccactggact taaagtaata g                        1781
```

<210> 9280
<211> 374
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (349)...(182)
<223> similar to gi825623 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

```
<400> 9280
ggcacgaggc tttcttaact caaagagaag ggttcaacac agtttggcaa tgaaaaaagg     60
acacctaggg caaagttatt aaatgcaaag cagccattgc ctggaaagca ggcaagcccc    120
tttgcattga agaggttgaa gtagctctcc ccaaggctca tgaagctcgt attcaggtct    180
cccgctggtt tagacttgag ctgtctttgg cctaagacga gtgggtcttt ctgctggaat    240
gagacgtata agcaccagga gcttacacaa tcatacgtaa tgacattgac agtgagaagt    300
ttgtgaatgc taaagccatg ggagccactg actgcctcaa tcctagagac ttacataaat    360
ctaatcagga tgaa                                                      374
```

<210> 9281
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(259)
<223> similar to gi183885 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

```
<400> 9281
ggcacgagga ggttatcaat aagctcctag tccagacgcg atgggtcatt tcgcagagga     60
ggacaaggct actatcacaa gcctgtgggg caaggtgaat gtggaagatg ctggaggaga    120
aaccctggga aggcttctgg ttgtaaaccc aggtaccctg aagttgaatt cttctttggg    180
ataacagtga tttggcgggt gtatcttgag tccgcatcat tgtctaggca aagggcgtaa    240
atgtttttc tcgattgtag agatgcttgt tattttatat tttatgtaga cggttatcga    300
ttcgttatat gtaggtatct gtctgttata ataatctatt agggttatat gatgggcgtt    360
tgcatgaatg tatgtaattt tag                                            383
```

<210> 9282
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (33)...(163)
<223> similar to gi28547 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9282
ggcacgagcc acagactcag agagaacccca ccatggtgct gtctcctgcc gacaagacca   60
acgtcaaggc cgcctggggt aaggtcggcg cgcacgctgg cgagtatggt gcggaggctc   120
tggttaggat gttcttgtag tttgtgttct gttaataact ttcgtggctt ctgtttatct   180
tatttgaggt tatgttctct ttttatgttg ttatttatta ttgtgttaag ttcttatgct   240
tcatgtagct gtagtgttgt tacatgttat cttctgtatg gtttgctgta tgtttcgtga   300
tttttaagtt agtgtagtgc agtttgttgt tgaggtattt actgttttta tgtgacg   357

<210> 9283
<211> 513
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (173)...(299)
<223> similar to gi6009626 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9283
caagaattcg gcacgagggg agggcttttc tgatctctcc caattagagg attaggcaat   60
tggcagcgca gggcggtaac tctgggcggg gctgggctcc agggctggac agcacagtcc   120
ctctgaactg cacagagacc tcgcaggccc cgagaactgt cgcccttcca cgatgtggct   180
ccgtgccttt atcctggcca ctctctctgc ttccgcggct tgggggcatc cgtactcgcc   240
acctgtggtg gacaccgtgc atggcaaagt gctggggaag tgatgctgct tagaccggac   300
cgacagcctg ggccgcttgt cagggaatcc tatggctctc tactcttgga ggcttgagct   360
acactacttt aggggcagga catggagcgt agattaaatt cctgcttgtc ctctgtgtgt   420
ccctccaatg aaccgctttt gagattcatg cttctatatt gctgtcggct gcgatccttt   480
tatgtggcga agatgtcgtc ttgttggtct ggg   513

7666

```
<210> 9284
<211> 348
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (42)...(351)
<223> similar to gi183885 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters


        <400> 9284
ggcacgatga acgtctgatg ttatcactat gctcctatgg cgacgccatg gggcatttca      60
cagacgatga caaggctact atcacaagcc tgtggggcaa ggtgactgtg aaacatgctg     120
gaggataaac cctggaaagg ctcctggttg tctacccatg tacccagatg ttctttgaca     180
gctatactaa tttgtactat gactctgtca tcatgagcga ccccagatac aaggcccata     240
gcacgaacgt gctgacttcc ttgccatacg ccatctagca tctgcatgat ctcaatggca     300
cctttgtcca gattagtgaa ctgcactgtg acacgctgca tgaggatn                  348



        <210> 9285
        <211> 347
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (35)...(139)
        <223> similar to gi183885 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters


        <400> 9285
ggcacgaggg aacgtctgag gttatcaata agctcctagt ccagacgcca tgggtcattt      60
cacagaggag gacaaggcta ctatcacaag cctgtggggc aaggtgaatg tggaagacgc     120
tgtaagataa acgctggtat agctgtctaa taatatagga tatgtatctg tgaatagatg     180
atgataatct tgtctgaatg tatccgcata aagacgtgtg attgctctta gatagagaat     240
tggcgacctt catggaatgg ccgatcagta tacgtattat agatataaat gcattcgagg     300
ataatattca ggttatacgg tataggcttc tatgctgctg actgagg                   347
```

<210> 9286
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(311)
<223> similar to gi183885 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9286
ggcacgagca ataagctcct agtccagacg ccatgggtca tttcacagag gaggacaagg   60
ctactatcac aagcctgtgg ggcaaggtga atgtggaaga tgctggagga gaaaccgtgc   120
gaaggctctt ggttggctaa caaggatctc atacggaatt tgactgcgga cttggacagt   180
gatgtgcctt tgccatcatg gactgcccca gagtcacggc tcatggaccg aaggagctga   240
cttcattgct agatgcgact gatgatgtgc atgatctcaa gggcaccttt gcctagctgt   300
ctgaatttga ctaacgtgga tgtgcttaga gatactgtga gcttgtaggt acg   353

<210> 9287
<211> 793
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (63)...(607)
<223> similar to gi550013 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9287
cctagcgccg ctgggcctgc aggtctctgt cgagcagcgg acgccggtct ctgttccgca   60
ggatgggggtt tgttaaagtt gttaagaata aggcctactt taagagatac caagtgaaat   120
ttagaagacg acgagagggt aaaactgatt attatgctcg gaaacgcttg gtgatacaag   180
ataaaaataa atacaacaca cccaaataca ggatgatagt tcgtgtgaca aacagagata   240
tcatttgtca gattgcttat gcccgtatag aggggggatat gatagtctgc gcagcgtatg   300
cacacgaact gccaaaatat ggtgtgaagg ttggcctgac aaattatgct gcagcatatt   360
gtactggcct gctgctggcc cgcaggcttc tcaataggtt tggcatggac aagatctatg   420
aaggccaagt ggaggtgact ggtgatgaat acaatgtgga aagcattgat ggtcagccag   480
gtgccttcac ctgctatttg gatgcaggcc ttgccagaac taccactggc aataaagttt   540
ttggtgccct gaagggagct gtggatggag gcttgtctat ccctcacagg taagaatact   600
atttaagacc ttggtgcctg gaccgtggta cttccctgtt tttaactagt tggactgtgg   660
agataaccga attaaagtag ctatcaattg aatgcctgct gtatgcctag gtaccatgca   720
ggaggaacct agtagggcag gaaggaatta tagcccattt tataaattaa gagtctgagg   780

cccagagtta ttt

```
<210> 9288
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(355)
<223> similar to gi31351 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


        <400> 9288
ggcacgagca atgtaactag caaccatgaa gtggatggaa tcaatcttgg gaattttccg      60
agtaaatttt actgaatcca caacactgca tataactgaa tatggaataa cttccatatt     120
gaatccttac caacgtactg ctaagataat tctatctgac ctggctacca tatcttttgc     180
ccaggacggt cacaaatcca cttacattga actacgcaaa atggcgaaag atgcattgac     240
tgccattgat aatcccactg gatatgaact gtcttcaacg tgcttataaa accatctacc     300
tgcctttctg gaagaacttt gccatgagaa agaaattttg tagaagtacg gac           353


<210> 9289
<211> 460
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (54)...(181)
<223> similar to gi4206161 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


        <400> 9289
ggaattcgga gaagacagct gttaccaggg aggtcataca acattttttt aggatgtctg      60
aagatgatta aaaagtgaaa ttacgccgtc ttgaaccagc tatccagaaa ttcattaaga     120
tagtaatccc aacagacctg gaaaggttaa gaaagcacca gataaatatt gagaagatta     180
tttatctcct ggtcatcaaa gatttccttt ttttatttac ccaaagggga caggagtcag     240
tctgtgtatt ggaagatgtg accatatttg gtgagagtgg aggggtagaa aatattttgc     300
aaatgaggga tgtttactgc cttcctgact gtagactgaa ggaggcaagg actttgacat     360
tttccccaac gcctatctgt atttccaatg cctgtcacat agtacgtgct caatggatat     420
tgattgaact aactaaaatt gtccttatct actgtcaaac                           460
```

<210> 9290
<211> 361
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (138)...(358)
<223> similar to gi673424 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9290
ggcacgagaa cacatagtac tggaaactga gctgcggtcc ctgtgaggga agagttccca   60
tgaactccca atctctgcct gaatcccagc tgtgctcagc agagactggg gggttttgaa   120
gcggccctgg gaggctgtgc tctggaaaca ccatatattg tggagaggga agatggctca   180
ctgctggaga ggacctgaac tcggtggggc catccgaggg cgatgggtat gagccatcat   240
actgagagat ctcccgcacc catgaggcca cactgacgtg ccaggccaca ggctgcttac   300
atgaccacgt ggagctgaca tgccggttga atgaaaacga tgtgcacagt gggggatttc   360
t   361

<210> 9291
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (52)...(340)
<223> similar to gi32131 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9291
ggcacgagcg gatgttgctg aatgacttcc ttaatgacca gaagggagat agaactagta   60
tctatagtgg cctggaagcc tttgggggatg ttacactcta agacccctac tatcatgtac   120
acgcgcggac ccctgtacac aggctttttac atcctggaga ctctgcttct cgctggccga   180
gccaccaccc cctacttact gtaccagcag caagtcctac tggacacact gacaggctcc   240
ttcccgaacc tgcacctgta gaaccctctc atgaagcttc ccaaacctcc cacgcctgtg   300
accaggatgc tcatgcccac cccgctgctg atccatgctc cg   342

<210> 9292

<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (175)...(301)
<223> similar to gi5924003 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9292
```
ggcacgagct gactttttac tttacataat tttatttaca gtgatttgtt atgccaccat      60
attaattttg aagcagcagt ttacagcaaa aggaaaatag gtatgttgga ttattttaaa     120
tgatctatat ttattaaata ataaaattaa taaaattttt aattttttctc ttttatgcat     180
agttaccttt ctaatgacac tgtataatct ggtatccatc caggatatgt ttgcatttct     240
cattatattg aaaagcttgt gatggttgag ttgattcttg tgttaccaat ttttttcatg     300
ttggtacttg gcggctgact ctgacccttg gttttttcc                            339
```


<210> 9293
<211> 333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(336)
<223> similar to gi183885 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9293
```
ggcacgagct atacgctggt attccagacg ccatggctca tttcactgag gagaacatgg      60
ctactattac acgcctgtgg ggcaaggtaa atgtagtgga tgctggacga gagaccatgc     120
caaggctcct ggttggctac ccatggaccc agaggatctt tgacagcatt ggcatcctga     180
cctctgcctc tgccatcatg ggctgcccca tggccaaggc acatggcacg aatgtgctga     240
cttccttggg agatgccatg tattacctgc atgatctcat gggcaccttt gcctagctga     300
gtgaactgca ctgtgactag atgtgtgtgg atc                                   333
```


<210> 9294
<211> 314
<212> DNA
<213> Homo sapiens

<220>

7671

<221> misc_feature
<222> .(227)...(284)
<223> similar to gi3406779 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9294
ggcacgagcc ggactaggag ccatctgcac attctacacc tacagcacca catcagaatt   60
acattgttat gacattttac taagagttct cacaccacca ttttgtctga cttttcctga   120
ccctattagg ggacgccctg ggtaacatag agaaggagtg caatgccaag attatgatcc   180
gggggaaagg gtctgtgaca gaatggaacg ttggacgcaa agatcgccgg atgttgtctg   240
aggatgataa gcgactatag tcccatttga ctgcccacac ataggtacgc gcctctctgc   300
ggtctcaaat cgcg   314

<210> 9295
<211> 318
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (115)...(247)
<223> similar to gi5107166 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9295
ggcacgagcg ttatagtatt tgtcagaagt tggggtctcc gtgggcattg tgatccgtcc   60
caggcagtgg attaggaggc cagaaggaga tcccttccac ggtgctaggc tgagatggat   120
cctctcaggg cccaacagct ggctgcggag ctggaggtgg agacgctggt cgacttgtac   180
tacagaatga acctggtctg cctcccgtaa ccctgtcctc ctcactgctt ggactcctct   240
atctctttga tgccagtact gatgccgtgt gcttatcgtc ggtgtgcacc tttctccgct   300
gtgtgttatt cgccccgc   318

<210> 9296
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (38)...(331)
<223> similar to gi183885 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9296
ggcacgagtc tggaacgtct gaggttatca ataatctccg aggccagacg ccatgggtca   60
tttcacagag gaggacaggg ctactatcac aagcctgtgg ggcaaggaga atgtggaaga   120
tgctggagga taaaccctgg gaaggctcct gactgctaac tgatgaaccc agacgttata   180
tcacaggtgc gcagaactgt gctctgcctc ttgcatgatg ggctgcccat tggcatacga   240
acatggagtg aacgggccgt cttccttgcg agacctcgta gagcacctgt aggtgctatg   300
agccttctta tcgcagatga gagaactgg   329

<210> 9297
<211> 341
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (40)...(342)
<223> similar to gi183885 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9297
ggcacgagct ggaacgtctg aggttatcaa taagctacta gttcagacgc catgggtcat   60
ttcacagatg aggacaaggc tactatcaca agcctgtggg gcaaggcgaa tgtggaagat   120
gctggaggat aaaccctgcg aaggctcact ggatgctaca cagggaccca gacggtactg   180
gacacctttа gatacctgac atctgcatgt gctgtcttgg gctgaccgac catcgtggca   240
catgccaaga aagcgctgac gtgcttggga gatgccataa agcatctgaa ggatctctgg   300
ggcacctttg cccagatgac ctaactgtac tgggacaggc t   341

<210> 9298
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(196)
<223> similar to gi28547 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9298
ccaccatggt gctgtctcct gccgacaaga ccaacgtcaa ggccgcctgg ggtaaggtcg   60

7673

```
gcgcgcacgc tggcgagtat ggtgcggagg ccctggagag gatgttcctg tccttccaca      120
acacctagac ctacttcccg cacttcgacc tgagccacgg ctctgcccag gttaatgtcc      180
acggcatgaa ggagtactac actgctgacc atctccgtgt ttaacttctt tgatttgttg      240
atctcgatta attttctgac aaatattttc aacccattat tattgtttat ctttctataa      300
attttatgct tttttacatc tttgtcttga gtctaactac ttg                        343
```


    <210> 9299
    <211> 352
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> misc_feature
    <222> (1)...(353)
    <223> n = a,t,c or g

    <220>
    <221> misc_feature
    <222> (26)...(225)
    <223> similar to gi183885 in the genepept database release 114,
       Run with FASTXY 3.3t00, default parameters

    <400> 9299
```
ggcacgagga agtgatcaat ccgctcctat gccaaacgcc atggctcatt gaacacagga       60
ggacaaggct actatcacaa gcctgtggag caaggtgaat gtggacgaag ctgaatgaaa      120
caccctgaga aggttcccgg gaggagaccc atggacccac aggagctttg taaaattaca      180
aatcctgtcc agccactcta caatgatcag taacaggtct gtcatgccct tagatgtgcg      240
gggctgcacg ctcgctacac tgactggctc atcgtgtgcc taccctacgc cggcatgcgc      300
ggataacccg ttgaacccca ttcatgatgg ggatcgggga ttgcaaatat tn             352
```


    <210> 9300
    <211> 717
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> misc_feature
    <222> (409)...(484)
    <223> similar to gi471126 in the genepept database release 114,
       Run with FASTXY 3.3t00, default parameters

    <400> 9300
```
caagatcatc gcacccccag agcgcaagta ctcagtgtgg atcggcggct ccatcctggc       60
```

```
ctcactgtcc accttccagc agatgtggat tagcaagcag gagtacgacg agtcgggccc    120
ctccatcgtc caccgcaaat gcttctagac ggactcagca gatgcgtagc atttgctgca    180
tgggttaatt gagaatagaa atttgcccct ggcaaatgca cacacctcat gctagcctca    240
cgaaactgga ataagccttc gaaaagaaat tgtccttgaa gcttgtattt gatatcagca    300
ctggattgta gaacttgttg ctgattttga ccttgtattc aagttaactg ttccccttgg    360
tattaacatg tcagggctga gtgttctggg atttctctag aggctggcaa gaaccagttg    420
tttttgtctt gcgggtctgt cagggttgga aagtccaagc cgtaggaccc agtttccttt    480
cttagctgat gtctttggcc agaacaccgt gggctgttaa cttgccttga gttggaagcg    540
gtttgcattt acgcctgtaa atgtattcat tcttaattta tgtaaggttt tttttgtacg    600
caattctcga ttctttaaag agatgacaac aaattttggt tttctactgt tatgtgagaa    660
cattaggccc cagcaacacg tcattgtgta aggaaaaata aaagtgctgc cgtaacc      717
```

<210> 9301
<211> 1522
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (608)...(1524)
<223> similar to gi2708307 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9301
```
ttaaattagt aaggtttggt ttgccgcatc acaaagtttc aacctagaaa agtagcaaac     60
ttaaaaaaaa atcaaatctc aaattatctt atatatgctg tgaggaaaag tagaaatggc    120
attaatatct taggttaatt ttttttccctg caaacacaaa caaaaaccct cacagaatag    180
tccaaaggaa ccaaagttta ctgtttcatg agaaaatgca tatattgctt tgtgtctctt    240
ttttatttta ttttatttta tttttttgag acggagtctt gctctgtcac ccaggcggga    300
gtgcagtggc gcgatctcgg ctcactgcaa actccgcctc ccgggttcac gccattctcc    360
tgcctcagcc tcctgagtag ctgggactac aggcgcccgc caccatacct ggctaatttt    420
ttgtattttc agtagagacg gggtttcacc atgttgccca ggctggtctt gaactcctgg    480
gctgaaatga tcctcctgcc tcagcctccc aaagtgctgg gattacaggc gtgagcaccc    540
gcgcccagcc aattattttc ttttttgggg ggtggggggat ggagtcttgc tctgtcactt    600
aggctggagt acggtggcgc gttctcggct cactgcaacc tctgcctccc gggttcacgc    660
cattctcctg cctcagcctc ctgagtagct gggactacag atcaaacaga tgatggaggc    720
agcaacacga caaatcgagg agaggaaaaa acagctgagc ttcattagcc ccctacacc    780
tcagccaaag actccttctt cctcccaacc agaacgactt cctattggca acactattca    840
gccctcccag gctgccactt tcatgaatga tgccattgag aaggcaagga aagcagctga    900
actgcaagct cgaatccaag cccagctggc actgaagcca ggactcatcg gcaatgccaa    960
catggtgggc ctggctaatc tccatgccat gggcattgct cccccgaagg tggagttaaa   1020
agaccaaacg aaacctacac cactgatcct ggatgagcaa gggcgcactg tagatgcaac   1080
aggcaaggag attgagctga cacaccgcat gcctactctg aaagccaata ttcgtgctgt   1140
gaagagggaa caattcaagc aacaactaaa ggaaaagcca tcagaagaca tggaatccaa   1200
tacctttttt gaccccgag tctccattgc cccttcccag cgccagagac gcactttaa   1260
attccatgac aagggcaaat ttgagaagat tgctcagcga ttacgacaa aggctcaact   1320
ggagaagcta caggcagaga tttcacaagc agctcgaaaa acaggcatcc atacttcgac   1380
taggcttgcc ctcattgctc ctaagaagga gctaaaggaa ggagatattc ctgaaattga   1440
gtggtgggac tcttacataa tccccaatgg ctttgatctt acagaggaaa atcccaagag   1500
                                                                    1522
agaagattat tttggaatca ca
```

7675

<210> 9302
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (165)...(1)
<223> similar to gi288145 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9302
tttttttttt ttcttgagat ggagtcttgt tctgtcaccc aggctggggt gcagtggcat   60
gatcttggct cactgcatcc tccactgcct gggttcaagc gattctccca cctcaccttc   120
ccatgtagct gggattacag gcatctgcca ccatgcccag ctatatattt tctaacttaa   180
tgattaacac tactttttaa agaggttgta atttttacat catttctgat aaaactgaag   240
atatcatagt acaccttcat tttatctacg tttatgcttt tatgtttaaa attttgaaat   300
gctcaaatct ttcatgtaat ttgttttcca tatacaattt taaattctga aaacatgttc   360
aggaaaagca gaaaccattt ttaaaaagat at   392

<210> 9303
<211> 1367
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (955)...(431)
<223> similar to gi55473 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9303
tttttttttt ttaagataga aagtgactct gctaagttta tttcaaacaa gggacacttg   60
aagttagttt ttcacccta tgacaaagaa cacacgtgag ctcacaggcc ctctatgctt   120
ctcccttct ggaacagaag acctgctcta gaactcattt taaggggctg atctgaggtt   180
cttcccataa gcagtgacta cagctaatcc cattaaatgc ttcccagaaa gcacttctaa   240
aactggatct ccaatttaga cttttccccc gatgggtcca aaggaaggat gagtggaaac   300
atgaagacta ttctttctcc tgaggcagaa tcaagaattt aagccattgt gcaatccaat   360
ccaagatatc ctccaagtcc aaagccatgt ccagattctc tcctctccaa tccaagaaaa   420
aaggagatta acaggggtat cctcttagac acaattcctc ttgatggagc tgagtatttt   480
tgtgactggg ctgggagata gaaatgggga aagagagttt ggttactggc tattgaaagg   540
gcttctttcc taagtgggat ctttgatgtt tgtcaaggct cgagctccag ctgaaacttt   600

```
tcccacagtg cgaacattta taaggtttct ctccagtgtg aaccctctga tgtctattaa      660
agtttgatct ctgaatgaaa cttttctcac agataggaca tttatagggt ttctctcctg      720
tgtggatttt ctcgtggtgg cgcaatcctg agaagtcact aaagcctttc ccacagtaat      780
cacatttaca gggcttctct cccgtgtgag ttctctgatg cttcacaaag tctgaactcc      840
gcagaaaggc ttttttgcag atggtgcact gaaagtatgt ctctccggtg tgagttcttt      900
ggtgaaaaat aagctgagaa ttcctataaa aggtcttccc acactccctg caggtgggga      960
gcttctgggc catgggggct cttggctgcc ccttctggga ggtctctctc ttctcctcaa     1020
gccacatggt ggacatttct cctgaatgag gattaggcaa atgctgacct agttgtttct     1080
cagaaatcct ttcttgagga gacagctgtt cccctgttcc ctcatcctga atgttttgca     1140
gagcctcagg gagattctct ccttctccaa agcatcctgg ctcatcctca gtgaagaagc     1200
ccctcaagga agcctgagaa ggaacctctc ctgaagcttg acaggaagca tgcaggagct     1260
cctggtccct gtgattctcc aaatttaggt tctccttgtc attctcttgt ctatctccta     1320
tgcaggtggg tcttgggatc ttctcattga catgaaggta tattcct                  1367
```

```
        <400> 9304
        cagttttcaa aggttaagta agcactgaag tgtgaataca ttaagagaaa gatatgtaat       60
        taaaaatcca ctaccaaaaa taaatatgag atatatgtgt atgactaata tgccagattt      120
        acttttggag acttgtctga gtattatgaa tttttgtaag aaattcctaa gaatctttct      180
        aatcttagca gttttcatta atgaaatggt ttttgaagga tttagcagga aatacatata      240
        acttttgaaa cttatgttta tagctgaact tggtgactat gatcttgctg agcatagtcc      300
        tgaacttgtc tcagagttca gattcgtgcc tattcagact gaagagatgg aactggctat      360
        ttttgagaaa tggaaggaat acagaggtca aacaccagca caggctgaaa ccaattatct      420
        gaataaagcc aaatggctag aaatgtatgg ggttgatatg catgtggtca aggctagaga      480
        tgggaatgac tatagtttgg gactaacacc aacaggagtc cttgtttttg aaggagatac      540
        caaaattggc ttattttttt ggccgaagat aaccagattg gattttaaga agaataaatt      600
        aaccttggtg gttgtagaag atgatgatca gggcaaagaa caggaacata catttgtctt      660
        tagactggat catccaaaag catgcaaaca tttatggaaa tgtgctgtgg agcatcatgc      720
        tttcttccgc cttcgaggcc ccgtccaaaa gagttctcat cgatcaggat ttattcgact      780
        aggatcacga tttagatata gtgggaaaac agagtatcag accacaaaaa ccaataaagc      840
        aagaagatca acatcctttg aaagaaggcc cagcaaacga tattctagac gaactctaca      900
        aatgaaagca tgtgctacaa aacctgaaga acttagtgtt cacaataatg tttcgaccca      960
        aagtaatggc tcccaacagg cttgggggat gagatctgct ctgcctgtga gtccttccat     1020
        ttcctctgct cctgtgccag tggagataga gaatcttcca cagagtcctg gaacagacca     1080
        gcatgacagg aaatggctct ctgctgccag cgactgctgt caacgtggtg gaaaccagtg     1140
        gaacacaagg gccttg                                                     1156
```

<210> 9305
<211> 1266
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (906)...(1155)
<223> similar to gi288145 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9305
cggacgcgtg ggcttatttc tcttccctta tcaattatgt atatttccca taccatatca   60
ttttccactt gcaggtagga dacagggacc acgcccatct tatctttata ttcccagcat   120
ctagtacagt gcctgaaatg gaggaggtac ccagtaaata atggtttgga tgaatgaatg   180
attgaagttg ctctgctgga ttcttatatt gggtcttggg tatgtgtcgt cttcccaact   240
gcactcgaag ctacgttgta aacttgagag cagcagctcc attccattta ctagtatagg   300
cgaggtccca gttagggttg ccgtagatgt ttgtatgtgg cttcagtgag cgtgtgtctt   360
tgtgtacgtg ggggtgaagt gaaggcgtgt ttgtgggctg gtttcccagc tgcccagcct   420
gactttctac agtcagcagg atggacctgg agatgtcagg gctgaagacc ctggagcatg   480
tggcagtgac agtctccatc actcacccac ggcgcggcag cttgggagct gaagctgttc   540
tgccccagtg gcattgatgt ccctcatcgg gcgcccccg cagcatggac tcgtatgtta   600
cacccgcccg aggccttgag gcaacctttt caggcaaggg gcctttccag ggaaaagaaa   660
tggaagaagt ggatcctggc actgtcctaa actactgtgg cactggctat ccctggcggc   720
tggaagcctt tcgtcacata ccttcttcaa gcgctaggcc ctgcacctca catacatgtt   780
ctctaatcct tctaagaacc ccctagatta gactttgtaa cctccttta caaatgagga   840
aactggctgg gtgtggtggc tcacacctgt aatcccagca ctttgggagg tcaaggcagg   900
agaatcactt gaactcagga gttcaagacc agcctgggca acaaagtgag accctgtctc   960
tacaaaaaat ttaaagatta gctgagcatg gtggtacatg cctgtggtcc cagctactca   1020
ggagactgag gtgggaggat cgcttgagcc cgggaagtca aggctgcagt gagctgtgat   1080
catgccgctg cactccagct tggataacag agtgagaccc tgtctccaaa aaaaaaagga   1140
aggaaaagga aaccaggtct tggagctagt aagtgcccaa aaaaacaaaa ataaccctaa   1200
atccggggaa ctccaagcct gtgcgcgctc catgcttgtt ttttccacca caccacgtta   1260
acacat   1266

<210> 9306
<211> 1295
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1056)...(1292)
<223> similar to gi804808 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9306
```
tttgtgtcac ttaggattta ttataacact aacaacaata acagagaaaa tatacactga    60
tacgacttat aagacattac attcttttat ctttggattt attttttaa tctaaggaat   120
gaagactttg aaattcagtt aggaggtcca aaaggtggga aagggaaagg cttaggaagt   180
tctaaaacat gatatgtgag tagtatgatt attaattatc ttaatgaaga agaaaacaga   240
aaaactgtta aagaactcaa tgtggctaag gagaaagatt gctccgaaaa aaaagggttc   300
ccccccaaac agccgatgca gagaggaaca cacagagagg aggtgaaatg tgcagctgga   360
gcctctaaaa gtgccccaaa caagccaaac acacacacca cctagaccaa gagaagacat   420
aagaccaact aatgcgtatc ccaagaggca ttccaaggag aaagaaaaag gaagtgttaa   480
gcctacggaa ttaatcagac tggtaggagg acgaaaaagc agaacaattc tccatatcag   540
aaaactaata tacaaacagg aaaggtcaac aaatacaacc cccatggctt ttttaatgtt   600
gataagaagt aagtccagaa ttctcatttt atttctcatc cttgagagaa aacattttcc   660
acaaggcagg tcaagatttt atatgtttat ttgtggttag aaggaaacga aaactaataa   720
gaaagaacat agttaagaga gagctgaaca tgaaatgggt ttattattgt catttgaaaa   780
ggaactaata agtaaatatt gtttactta tttctcagtt ttaatttctg atatggtaag   840
cattaataca atccacataa gcaagaattc ttcggagtcc tcaataagtt tttagagttt   900
caggggtca tgagactgaa agttgacaac caccgtcctt aaataaagac aactttacac   960
ccaccctaac aaacattaaa aacaaacaag attccaaagg atcaagtcga cccaatagta  1020
actcaactgc ctgccaaaac acacctcaat gctctttgaa ctttaggaca aggaatatta  1080
tcagcgataa agatggagat ttcataatga tgaaagaatt atgtcattaa aaatacataa  1140
taatccttag catatttgca tataattata cagcttcaaa atacatgaag caaacctgac  1200
agaactaaaa agagaaacaa aaaactataa ttatatttgg agatttcaac aatcatcttt  1260
cccttgttga tagggcaaag gccaaaaaaa aaaaa                             1295
```

<210> 9307
<211> 931
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (238)...(749)
<223> similar to gi191229 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9307
```
cccacgcgtc cgcccacgcg tccgcccacg cgtccgggca gaacataggt tgccttagag    60
aggttccccg gtgtcccgac ggcggctcaa gtcagagttg ctgggttttg ctcagattgg   120
tgtgggaaga gcctgcctgt ggggagcggc cactccatac tgctgaggcc tcaggactgc   180
tgctcagctt gcccgttacc tgaagaggcg gcggagccgg gcccctgacc ggtcaccatg   240
tgggccttct cggaattgcc catgccgctg ctgatcaatt tgatcgtctc gctgctggga   300
tttgtggcca cagtcaccct catcccggcc ttccggggcc acttcattgc tgcgcgcctc   360
tgtggtcagg acctcaacaa aaccagccga cagcagatcc cagaatccca gggagtgatc   420
agcggtgctg ttttccttat catcctcttc tgcttcatcc ctttcccctt cctgaactgc   480
tttgtgaagg agcagcgtaa ggcattcccc caccatgaat ttgtggccct gataggtgcc   540
ctccttgcca tctgctgcat gatcttcctg ggctttgcgg atgatgtact gaatctgcgc   600
tggcgccata agctgctgct acctacagct gcctcactac ctctcctcat ggtctatttc   660
accaactttg gcaacacgac cattgtggtg cccaagccct tccgcccgat acttggcctg   720
catctggact tgggtaggta gtcctaccac tgctgcccct atggcaccta cttcagggaa   780
cccttcctgg tgctccacat tctcctccaa gtgttccttt tttgtctctg tgtcttccca   840
```
```
                              7679
```

```
gatcctttct ggtagcccct catcctatcg tccgtcctca ccacttttct aaaaattctt    900
aaatcctcct cccctaggtg gcacatgtat t                                    931
```

```
<400> 9308
tttgaacgcc tgtggaaccc cctcgaaacc gcgcctcgac ccacgcgtcc ggaatattaa     60
cgatggaggc ctttcgttgg ttttggggtt tctggagttg gggccttaat atgattagac    120
cccaaaatac taaggactct aattctaatt gtttggagaa gactgatagc ccttggtgtg    180
aactgtttaa agagttatac aaaataaatg catttgacac tcctgattca ttgctcatga    240
gaggcaagga gtttagtgac cctatacatc atacctttga ccatatgtgg agaactaagg    300
aacataatga agctggttgg ttgctcctaa gttcagtgga taaagtgatg aaagaaaatg    360
atgaactcgg ggattctatc tcccagcttc agaagcagat actgagcctc aaatctgcca    420
agattgccct gagtgagagt ctaatctcct gtagagaaag aactgaaatt gtggaaaaat    480
agacataagc tcttatcatg ttagtggctg acctgcaatg aaaggtgcat gcacagcctc    540
accatgcaca gcctcgccaa gtatctactg ttaaagtgag ggcattgatt gttttgcagg    600
aagtcacgga cccttgatgg agggatcggc cacagctgag g                        641
```

```
<400> 9309
ttttccgggt tcggagccgt tccggatgct ttaggctgcc ggatgtctga tctccggata     60
actgaggcgt ttctgtacat ggattatctg tgttttagag cactttgctg caagggacca    120
ccacctgcac gaccagaata tgacctggtt tgcataggcc tcacaggttc tggcaaaacc    180
agtctgttgt ccaaactctg cagtgaaagc cccgataacg tcgtgtcgac cacaggtttt    240
```

7680

```
agtattaaag cagtgccatt ccagaatgcc atcttgaatg taaaagaact tggaggggct    300
gataacatcc ggaaatactg gagccgctac taccaaggat ctcaagggg t aatatttgta    360
ttagacagtg cctcttcaga ggatgattta gaagctgcta gaaattgaag ctgcactcag    420
ctccttcagc atccacagtt atgcacttta cccttttaa tattggcca               469
```

```
        <400> 9310
aaactaggac ctacttagtg ccgtggaatt cgggtctgca gcggaggcct cagcaacctg     60
ctcttccgct gctcgctccc ggaccacctg cccagcgttg gcgaggagcc ccgggaggtg    120
cttctgcggc tgtacggagc catcttgcag gtgaggggt tgtgagcgcc gcagcaccag    180
tggctttagg gcctgtcgct tacgcgatgc gggtagtatt gttcccgttg cgcagttgag    240
gacaccgagg ttcacggtct gagtaacacc tcattacacc gaagcctggg cctgtattcc    300
cagagctttg ggaggctgag gcgagaggat cacttgagca caggagttcg agaccagcct    360
ggacaacata gtgagacccc catctctaaa taaaaataga ccaacgctaa agcctgtgct    420
ccagagcctc caggcaattg gatcagaagt cgcagctctg gtgggaggaa ggcgagccct    480
catgtgtgtc cctgtgccac tttgccttgg cccctttgct gtccatcctt tttcagggcg    540
tggactccct ggtgctagaa agcgtgatgt tcgccatact tgcggagcgg tcgctggggc    600
cccagctgta cggagtcttc ccagagggcc ggctggaaca gtacatccca gtacgggccc    660
agtcctaccc tctcctcccc aaggcacctc caccccctaa ccctacccca gtgcccaatg    720
tctgcctcca catccctcac cccaagtagg gaatttcccc caaaaccctg acttcccctc    780
attgccccag cccttcccac tcctgcccca gccccatcac caccctgata gcttcctggg    840
tgcagagtcg gccattgaaa actcaagagc ttcgagagcc agtgttgtca gcagccattg    900
ccacgaagat ggcgcaattt catggcatgg agatgccttt caccaaggag ccccactggc    960
tgtttgggac catggagcgg tgagtcagga gcctcctcag ggctcctgta ctcctgagct   1020
gaacctccat gccagcggat gtgtcggggg ctctatccag ccctccactt gagtggatct   1080
gatgtcatgg gctgtcacag aacaggcttt taaatgcttg ccagaggcca catgcagtgc   1140
ctcatgcctg taatcccaga actttgggag ccgaggtggg tgaggtggga ggatcacttg   1200
agcccaggag gcggaggttg cagtgagctg agctcatgcc attgcacttc agcctgggtg   1260
agagcaagac tctgtctcaa aacaccaaac aaaaaaaaaa                          1300
```

<221> misc_feature
<222> (242)...(495)
<223> similar to gi4426962 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9311
ctgttctact cagcccttgg tgatttcaca gcactttcat atgcaatctg tttacagcta   60
tgttattcac aatagcaaaa agttggtggt ggtgcatgtg ggtgttgacc gggctgggcc   120
aagaagcctc ctccgggcag gctgccaggc tctcactgtg gctgtggctc tgtatgggac   180
agagacgggg ctgagctggc cgggctgtgg gcagggtgga gggccaccag ccaaaggaca   240
gttggaggaa tcgagcttca tgctgtcctt ctcttctgcc tctgatacag aatttgatgt   300
tgtggttgga tatatagtac acattatcat ggatgacatg ttccggttat tatagagaaa   360
ttttgtggac aagtattacc aggagtttga agacatggaa gaaaatcaac tcacctacat   420
gcctgctttt tgataaataa tatttgtaca tattattgaa gtagatgtga catttcatta   480
cgtgcataga atgtgtagtg atcaactcag ggtatccagg atacccatga ccttgagtat   540
                                                                    574
ttctcatttc tatgtgttga gaacatttca aatc

<210> 9312
<211> 670
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (571)...(423)
<223> similar to gi1061424 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9312
agctggtatt acaggcgtga gccaccatgt ttggccatgt tttcctttta agaagccttt   60
gggggttacc taagggagca ctttaccacc ccacagctgg cacggagatc tgcagtgcat   120
ttcacaataa aagctctgcg catgctgagc acagagccag gacttaaggg ggggagggtt   180
tagggaagca aggaagacca gcacataaca acctggattt ggacttttat tttgccttct   240
gtattcagct aacaagcttc aggagtcagt gaccttcaag gatgtgtcca tagatttctc   300
ttgggaagag tggattcaag cagattctgc tcagaggatg accgtgtatg gggaggtgat   360
gctggagaac tacaggaacc cggtcttact gggtaaggac tttttgtaac tcaaaaccca   420
cctcttgaca atcataaggc ctgatcataa ggcattgttt taggggtgtt tgcttgggtg   480
tcctctcttt caaggcagaa gatttgaaat tttctgtagg agaatgggaa aatgggggaa   540
cttttcattaa ggccacacct tccttgtttt caggaaggcc ctggaaggga gaaatgatcc   600
agaactcttg ctagggattg ggttttttag ggctccagtt tcaggaaccc caatttaatg   660
                                                                    670
tctctcctct

<210> 9313

<211> 680
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (275)...(535)
<223> similar to gi1408211 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9313
```
attttgaaaa ctccttctta cccagctcac tcatcgtgca cgtaaagcct taaacatagt      60
aatttttact gtaatctcct tagtcacact aataacctcg gttgtagtgt cctcagtagc     120
actacatagt tctattcaaa cagcccaata tgtagaaaat tggacatgta cagccaacca     180
gggatggatg cttcaaaata aaattaatac cgaattacaa acaaaggtag caatgttaaa     240
ggctactgtt ctgtggctgg gaaagcaggt acaaagtttg caattgtagc agcaattgca     300
ctgtcatttc aatcatattc atatttgtgt gaccaatttg gaatagaacc aaagtgaata     360
tccatggaac cttgtaaaag ctcatttgca gggagctttt acatccaata ttacttttga     420
tatcagtaac ttacagagta aaattcttaa cttgaataag caaactcaaa aataacagcc     480
cttttagaa gcttaaacag aattccagca gggcttagaa agcctcaacc ctggccgggt     540
gcggtggctc acgcctgtaa tcccagcact ttgggaggcc gaggcgggca gatcacgagg     600
tcagaagatc gagaccatcc tggctaagac agtgaagccc catctctacg tagacgggcc     660
gcgaaccaag tagtagtagc                                                680
```

<210> 9314
<211> 1178
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (136)...(1173)
<223> similar to gi2854158 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9314
```
tggcccgcgt ttccccggca acccgcggcc gccgccatgg acgcgctgtt gggcacaggg      60
cctcgccggg ctcgcggctg cctgggcgcg gctggaccca cgtcttcagg tcgcgcggcg     120
cggacccccgg cggcgccctg ggcgcgcttc tccgcctggc tggagtgtgt gtgcgtggtc     180
accttcgacc tggagctggg ccaggcgctg gagctggtgt atccgaacga ctttcggctc     240
acagacaagg agaaaagcag catctgctac ctgtcttttc ccgactcgca ctcaggctgc     300
cttggagaca ctcagttcag cttccgcatg cgccagtgtg gagggcagag gagcccctgg     360
catgccgacg acaggcacta caacagcagg gccctgtgg cactgcagag ggagccggca     420
cactactttg gctacgtgta cttcaggcag gtgaaggaca gctctgtgaa gaggggctac     480
ttccagaagt ctttggtgct ggtgtcccgc ttgccctttg tccggctgtt ccaagcgctg     540
ctaagcctca tcgcccccga gtactttgac aagctggcgc cctgcctgga agcagtgtgc     600
agtgagatcg accagtggcc ggcgcctgcg cctgggcaga ccctgaacct acctgtcatg     660
```

```
ggcgttgttg tccaggtgcg catcccatcc agggtggaca agtccgagtc cagtcctccg      720
aagcaatttg accaagagaa cctgctgcca gccccagtgg ttcttgctag cgtccacgag      780
ctggacctgt tcaggtgctt ccggcctgtg ctgactcata tgcagacact gtgggagctc      840
atgctcctcg gggagcccct gctagtcctg gcaccctcgc ccgacgtgtc ctcggagatg      900
gtgctggcct tgaccagctg cctgcagccc ctcaggttct gctgcgactt ccgtccctac      960
ttcaccatcc atgacagcga gttcaaggag ttcaccacac gcacgcaggc cccaccaaac     1020
gtggtcctgg gagtcacaaa cccttttcttt atcaaaacac tccagcactg gccccacatc     1080
ctccgagtcg gggagcccaa gatgtcagga gacctgccta agcaagtcaa gctgaaaaag     1140
cctttcaagg tttgaagacc ctgggacacc aagccagg                              1178
```

<210> 9315
<211> 1421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1422)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1052)...(1423)
<223> similar to gi1305497 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

       <400> 9315
```
cagttcttaa atatttattg aggtttgtgt caggctctgg attagaggct gtaggtccca       60
agtgagcaca aatgggtgtg gtccctgctt tcacggacct tacagtctag gtggagagac      120
aatgttaaac agatgctcac gggggtgctt tgtggaagga agccagattc tgtgagtaga      180
tgacaacacc tgctctgacg agggaggcag gcacagcgtc ncctcgggag gtgacatcca      240
agctgaaatc tgcaggatga gtgggagttg atcactgagg ggggcgaggg ggagggcagt      300
gcaggcagca ggagcaaggg ccctgtggca agagggagtg cagtgcatgt gaggcaacag      360
accagcctgg gtttggctgc aacttttggt gccccagagg tgggggttat gtgtttattt      420
ttagacccag gggaagggag agaattttgg tcttcagctt aagagcaatc agaaaccatt      480
caaggatttt gagcagattg gggttctgca gtatggagaa tttggaggcc accagctggg      540
acccttctga gacctcactg ttggtgcctg tagcttcttg tgtcccaaag ttgttgttct      600
gagcactcct acaccccagc ctcccatggg cttatccccg cagagccccc tcgtaggctc      660
cctggagtgc ttgccctggt tgtggtctct tccagaagat gcagcctttg ttctttcttc      720
cccgtcttca atggccatat cctctcagac attctccctg cccctgttca ggctcagtat      780
ggtttggtgg cccagaactt ttgagtgcgc actttgttgg ctgatcacag gtttttggtct      840
ggctgttgac ttgattacac tgggctgggg gtgccgcctc cttccagctg ggcctgccct      900
ggaatctttg cctagtagag atgagtgggc ctgatcctgt gggctgtaga agtggtacag      960
gggccctggt gggactcggg gtgcagtcaa aaatgctgtg ctgggggactg tgttcaggtg     1020
ggagctctgg tctcacccac tgcctgtttc tctctctcca tctgggggatg tttcctgagc     1080
agttcaagag gccgactcac tcgccagtgt gcagctggga gccacgcgcc aacagcacc      1140
agcttcagcc aagagaacca aggcggcagc tacagcaggg ggccagggcg gcgccgctag     1200
gaaggagaag aagggaaagc acaaaggcat ctccagcagc atgagctttg acgaggatga     1260
ggaggatgag gaggagaata gctccagctc ctcccagcta aatagtaaca cccgccccag     1320
ctctgctact agcaggaagt ccgtcaggga ggcagcctca gcccctagcc aacagctcc      1380
```

<210> 9316
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (27)...(175)
<223> similar to gi249624 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9316
```
tttcgtcgca ccccagcagc cgcgccatga gccggagtct cttgctccgg ttcttgctgt      60
tcctgctcct gctcccgccg ctccccgtcc tgctcgcgga cccaggggcg cccacgccag     120
gggcctcttt gggaggaagc cgcaggcacc aagggaaatg agttcccttt ctccagcctc     180
taaccgtctg ggaacccatc ctgattccca ttgccagtgg agaaggtctc ccctggtgaa     240
gacttcggga gaacatggga gatggaaata catttaggag ccgggatgct tcatctgggg     300
tttaagagat ccccattgag caaatgagga aaccgaggct cagtaggtgc catgattccc     360
caagctcaca aaatacatgg tgggcccagg atctgaactc aggtct                    406
```

<210> 9317
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (229)...(393)
<223> similar to gi288145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9317
```
atatcttttt aaaaatggtt tctgcttttc ctgaacatgt tttcagaatt taaaattgta      60
tatggaaaac aaattacatg aaagatttga gcatttcaaa attttaaaca taaaagcata     120
aacgtagata aaatgaaggt gtactatgat atcttcagtt ttatcagaaa tgatgtaaaa     180
attacaacct ctttaaaaag tagtgttaat cattaagtta gaaaatatat agctgggcat     240
ggtggcagat gcctgtaatc ccagctacat gggaaggtga ggtgggagaa tcgcttgaac     300
ccaggcagtg gaggatgcag tgagccaaga tcatgccact gcaccccagc ctgggtgaca     360
gaacaagact ccatctcaag aaaaaaaaaa aa                                    392
```

<210> 9318
<211> 1046
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1039)...(1049)
<223> similar to gi3025832 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9318
```
caaagaccca gggcagggca gaggctagag cgccaggttg tgccatgtcg ggccccacag    60
gcagggggag aaggaacagt ccagggactg ccactcacgc tccagcctca atgtctctaa   120
gggtgcagac accatgctgg ccacagcgtg gagcacggga gcccccaggc tcttgcgctt   180
cttggctttt ttggtgctgt ttggcagatg gtgagggctc acttctggct gtcctctggc   240
tcctcctcct gcagcggcag cttgggtggc agctcagctt cagccttaag atgggcacga   300
aggcccggga ggctgagaga cttgacaggc tttctctttg gaccatgacg gggcctcaca   360
atggagacca cgggcctggg gcctctctcc tctagcgccc cggcatgcgg cttgggccgc   420
tcctccccca gcttgggtcc ttcctcctgg agctccgact ccgaagctgc gcctgctggg   480
cgctggtctt cactctgggt tccgcgggcc tcatgggcag gcaccaggaa ctggtctccc   540
gccactggac actagagatg acacacaggc catcggtcac catggccggg caaaggacat   600
agggatccgt cactgaacac ctaacgttag acaccgaaac gggaataagg acaccagcct   660
gtgcccctcc ccgcctggag ggcccagcct ggcagttagc gggtcggggc gctcagttcc   720
acctctcaga gcgctgcggc cctgtgtttg aaggttaaac agcctgacgg tcacctcgga   780
ggtctgagcg ctgccgggct cctccgtgag ctgtccctgc cccacgaccg tcgcctcctg   840
gacccccggc cgcctttccg cccctgccga ggccatggct gcgcaggctg agtgcgtcct   900
cgacagctgc ttggggcggg ccccaagggg ctggatggtg gccccgcgct gaccccggag   960
accggccagc aagcgagggc agagctggga agagaaaccg gcgaccgcgg agcccaccct  1020
cggccgaaac tacaagcccc aggacg                                       1046
```

<210> 9319
<211> 965
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(968)
<223> similar to gi2827454 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9319
```
agggagaaga agctggaaaa ctgccttcta actaactggc tgatcccata atgtatcctg    60
```

```
aagtggccat cttaagcctc atcctacata tggcagattc tgtagctggt tctgtaaagg    120
ttggtggaat ggcaggtccg tttatcacgg taccctgcca ctacaatgga gctgtcacat    180
ccatgtgctg gaatagaggc gcacgttctt tattcacatg ctgaaatagc attgtctgga    240
ccaatggaac ccacgtcacc tatcggaagg acactcacta taaggtattg ggggcccttt    300
caagaaggga tgtccctttg actatagaaa atacagctgt gtctgacagt ggcttatatt    360
gttgccatgt tgagcacagt gggtggttca atgacatgaa aatcactcta tcattggaga    420
ttgtgccacc cagggtcacg actacaccaa ttgtcacaac tgttccaacc gccactactg    480
tttgaacgag catcactgtt ccaatgacaa caagcgttcc aacgacaaca actgttccaa    540
cgacaaagac tgttccaaca acaacgagca tttcaatgaa aacaagtgtt ccaatgacaa    600
caatggtctc tacctttgtt cctccaacgc cattgcccac gcagaaccat caatcagtag    660
ccacttcacc atcttcacct cagccagcag aaacccaccc tatgacactt cagggagaaa    720
taaggacaca acccaccagc tcaccattgc actctttcac aacagatggg aatgacacca    780
tgacagagtc ttcagatggc ctttggaata acaatcaaac tcaactgtcc ccagcatata    840
gtccacagat ggtcaacacc actaaaggaa tctgtgctgg agtctgtatt tctgtcttgg    900
tgcttcttgc tcttttgggt gtcatcattg ccaaaaagta tttcttcaaa gaggagactc    960
                                                                     965
aacaa
```

<210> 9320
<211> 1012
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (985)...(717)
<223> similar to gi2224907 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```
        <400> 9320
gggctcgaga tccctagtca gggtggctgg atatccctag tgagagtgat ggaattctta     60
tgtctgaggg tgcagggctg agtgaggaat gtgctctctc ctgctacttt gccaggagcc    120
attcattgac aggccctccc agcacagaaa ctatagtgat gcgttggttg ccatggtttc    180
cgaggatgct ctgcagctaa tctgagtgcc ccccagagct gctgctctcc cctccctggg    240
ctactgggat ggggtgtgct gcgaccccag gagggtgcat ttcgtgctga cctccagcgg    300
ggcgcgcttc tctcactgtc tctcactgat gcttgggcct ggccacagta gagtcacctt    360
caatacttgg gtgggggaag aggggagggg cttctttctc tggaaccaca aagtggctct    420
gagttggaac accccactgg ctccagaaaa tgaagttcct ttaagtgaaa tactcccagg    480
ttcataataa ctcccccttc ctcacccaag cctgctcagc cctcctcctc ctccactcct    540
cctctaaagg ggctctctgt acctggtgga ccatgccatc ctctcaggcc tctaccccag    600
catcattcat gggaggccct agttcatgac tgcacccctg atcctgctgc accagcgtcc    660
caacggcaac aggcccttgc tatcccttgt cattctggtc agccaggcag ggcctcggtg    720
ggctggtggg tggggtaggg gaagtctatt acatcctcgg gatgactgaa aggttgcctc    780
ctcccaatgc cactgtgcct ggagacatca cctctccaat cctactcagc ccctctcaag    840
tttgtctttc tgttttgtcc tctttgattt ccatcttgat agaaagttta tgatactcaa    900
gagaacaaat tgccccttga cagggtgtca gaatcgattg tactaagtca cgcacctttg    960
gcagttcaac cgtgttccta atagttaaaa ccataaccca ttcgggaggt gg            1012
```

<210> 9321
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (158)...(471)
<223> similar to gi2708669 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters .

```
        <400> 9321
attgaatctg taccctagtc cgtgtggtgg aattccaaag ttgccaggac ttcccaggga    60
agctgcagca gctctcggtg ccagcttcct ggcggaggct cctctcccag tgacagtgcg   120
tggctccggc ctggcaggaa tggcagtgac atgcgatcca aaggccttcc tgtccatctg   180
ctttgtcacc ttggtcttcc tgcagctccc actggccagc atctgtcaaa actgagggac   240
agactcctgt gcaagtcgag ggaaagctga ctttgatgtc actgggcctc atgcccctat   300
tctggctatg gctgggggac acgtggagtt acagtgccag ctgttcccca atatcagtgc   360
cgaggacatg gagctgaggt ggtacaggtg ccagccctcc ctagctgtgc acatgcatga   420
gagagggatg gacatggatg gagagcaaaa gtggcagtac agaggaagga cc           472
```

<210> 9322
<211> 377
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (189)...(368)
<223> similar to gi1652154 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
        <400> 9322
gagggtggaa acaggatgag aggtcaggtg acttgtctga gggctgacgg tttgtaattg    60
gaagagtcag ggcctaacca ctggtctttt tgacacaaaa actcatgctc ttagtggcaa   120
gcacagtgtt ctcaagattg ggggaagcca gggagggaca gtgggttgtc tgctactagt   180
gggtcaaaat tacatattta gtcatgaatg gttcagcttt taccatttaa ataacaaata   240
aatgttcttt ctccataggc attaaagact attccaactg gcccaccatc ccgcaagtgt   300
acctcaatgg cgagtttgta gggggctgtg acattcttct gcagatgcac cagaatgggg   360
actttggtgg agaactg                                                  377
```

<210> 9323

7688

<211> 981
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (674)...(842)
<223> similar to gi3599940 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9323
```
cgcctccacc tgctagacca ggccagtggc caggacaccc ccctctagag ccccagccct      60
gggtctcctc accccacccc ttctcagcct tcccaccctg ctcaccagag ctgagtcagg     120
agccctggct ttgactccag gaagccttag ccctttaacc tcaatggctg gggttggggt     180
agaatcagga ggtcttgtta gcagtactcc ccattctgcc tgtggtgccc aggctggccc     240
ctgtatagca gagaacacac cagctggccc ttgctggctt acacggtatc ttcatctgtc     300
atctcaatgc ccacaacctc acaacgatct tacctttcat agttttttcag gagccctaag     360
gctagagggt tattcatcac cgcagggagc tctagtctga tgaagtccaa gacctccaca     420
gtttgggcct gtttatggca ttcatcagct gccagccttt ggccaagtcc ctgcatctct     480
aggctttgcc ttgctcatct gtaaagtggc cagaacacaa cctcccctgc cttcttttcc     540
cggggttgct gtgaggatgc cgggagatca gggaggtgga agcatgcagt aggcttggtg     600
ggaccctagt tcccccgggc tgatgtgtgg gtggctccct gtcactgcag tgagtgacct     660
gtcgtggcgg ctacaggtgt ttttccagga gctgctgaag acagcccgca gcagcaaggc     720
cttcccagag gatgtggtca gggtcatctt ctccaacatc tcctccatct atcagttcca     780
ttctcagttc ttcctcccag agctgcagcg gcgcctggac gactggtgag gtccaccagg     840
agccctgag gcctcagacc acagccctgg ccaggtggag gtggggagac cccagggcgc     900
taggttcagc ctcctaagcc caggccctta ttgtgtggcc atgcctccct ggggctcggt     960
ctgtctgcac agtgaagggc c                                               981
```


<210> 9324
<211> 733
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (466)...(731)
<223> similar to gi1657601 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9324
```
tgcagagaca tggctgcatt tattgttccc agcccggcga gaaggtgttc ccagaaaggt      60
tccttgggtc acctgcccac ccagccttgg ctctgggctg ccatgtcccc acgggggcag     120
gagagaggca caagtcacag tcaggcaagg gagcctcagc gtcctgggcg gtggctgttg     180
gggtccctcc agtcttcacc tgggaccctc ggccaggctg ggacagcatc caggaggcga     240
ggctgcatgg tccagcggtg ggtgcaggtg caacaggtc ggcgggctgt gcaggttcca     300
aaaggagctc tcgggttggc actgggtgag accagccccg gggccagcag gggaatgagc     360
```

```
ggtggagcag ggggttgctg ggcactgggg tgggccccat ctcctgtcct tccctcatgg    420
ctgctggaag ggccgcctcc ctggctcagc atcatctcag attccgggac tcaaagaccg    480
tctcctcgtc gctgtccagc gaggccatct ccgtggggtc ctcagtgttg gcgaggaggc    540
cgtatcgcct ccgctgaggc ttcttcaacc taaacgcccg gatcaggaag tagagcgcgg    600
tcaggccgca gaagcccagg atcacgtaga aggagcgcgt cagcgccgag cccgacgccc    660
ccgacggacg cgtgtgcgtg aagttgtgtg gcgcgcccgg ctggctcccg ttcgtcacgg    720
                                                                     733
ccggcggcgg cga
```

<210> 9325
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (685)...(404)
<223> similar to gi458542 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```
        <400> 9325
gcggtggaat tcctcaaact tctggactca agcgatctgc cagcctccgc ctcccaaagt     60
gctgggatta ctagtgtgag ccactgcgcg gcacctcaag ggcactttag atgcaagcct    120
gtacttcaga gatggagaag aactcccagt tctgattggc acatttaaaa ccaaagctgg    180
gaattcaaga cctaatgctt ggaaaggctg acgcatgtga taatttgtag tcagtgactt    240
ttcggggtgg atatacaatt tactgaagtg tttgcctcct gaaagatgag gggaggtcac    300
tcaccggaag acgggcaggt ccttagtaaa cttgatgact tgcagtacca tgaaagtgtt    360
gatgtctgcg aagtgtgtga ccagaggcag cacaggggcc agggtgggca agggctggtg    420
atggatgaac agatgagctg gaggctgcaa tgatcagaac attagctaga ggctctggcc    480
ctagggccct cctttaggcc tcgccagcct tatcttggaa gagttccttg ctgagaagcc    540
tgctcaggct ggggttctgg agatctgttc tcagtatcag tgcatggcat acacccctct    600
ccttcagacc agcatttttg ggtgcccttt tagttgtatt ccaacccaaa tcctgtcggt    660
                                                                     708
gctcacccta aactgcacaa actgttcaaa catggtgccc atgtggcg
```

<210> 9326
<211> 1668
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (261)...(1629)
<223> similar to gi1916927 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 9326

```
tttcgtccta tggtcagcta ggcccttttg cagattttgg tctctctgct ctcactgctt    60
tgggaaatta tgctatgtgg acagcatgat cagtaaacct gcctccctcc ttgtggccct   120
gggaggaagc catggactct accaagtctg aacccctgaa gggatcacca gaggctgaag   180
atggaaacat tgaatataaa aagctggtga atccatccca gtaccgcttt gagcacctgg   240
tgacacaaat gaagtggcgg ctccaggagg gacgtggtga ggccgtctac cagattgggg   300
tagaggacaa tgggctgctg gtggggctgg ctgaggagga aatgcgagct tcgctcaaga   360
ccctgcaccg gatggcagag aaggttgggg cagacataac cgttcttcga gagcgagaag   420
tggattatga tagcgacatg ccccggaaga tcaccgaggt gctagtacga aaggtccctg   480
acaaccaaca gttcctagac ctccgtgtgg ccgtcctggg gaatgtggac tctgggaagt   540
caactctgct tggagtcctg acccagggag agctggacaa tgggcggggc cgggctcggc   600
tcaacctttt ccgccacctg catgagattc agtctggccg aacctccagc atcagcttcg   660
agatcctggg ctttaacagc aagggagagg tgcatgggat caatgggacc caatggggcc   720
agactctgag gatgggatgg tagtagtgaa ggacatagga tggggtaga gtgtggagac   780
tttttgaaat agtatagatg aatgccctga ggggactgtg aacaagctct gcccctctta   840
ggaaatcaat ggggaatcaa ctaaattaaa taaaaaatgg ggtcaagatt aagaggcagg   900
gtcacccagg gaatggttta ggtcctggca actctgaagg ggttggaagg gctggcagga   960
ggcactgagg gccctgggcc ctgggccagg tggtgaatta cagcgactca cggacagcag  1020
aagagatctg tgagagcagc tccaagatga tcaccttcat cgacctggca ggccaccata  1080
agtacctaca caccaccatc tttggcctca catcatactg ccccgactgc gccctgctcc  1140
tcgtcagtgc caacactggg attgctggca ccacaaggga acatctgggg ctggccctgg  1200
ccctgaaagt gcccttcttc atcgtggtca gcaagatcga cctatgtgcc aagaccacag  1260
tggagaggac agtacgccag ctggagcggg tcctcaagca gcctggctgc cacaaggtcc  1320
ccatgctggt cacctctgag gatgatgccg tcactgctgc ccagcagttt gctcagtcac  1380
ccaatgtcac ccccatcttc acattgtcca gtgtgtctgg agagagtctg gacctcctca  1440
aagtctttct gaatattctg ccgccactca ccaacagcaa agagcaggag gaactcatgc  1500
agcagctgac ggagttccag gtggatgaaa tctacacagt accagaggtg gggactgttg  1560
ttggaggaac actttccagg taaattgact tgcttgctac cctccccact cagccctcac  1620
ctatatactc aaagacatcc tggcccaaag gaggagaccc tggaattc                1668
```


<210> 9327
<211> 1238
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (304)...(762)
<223> similar to gi2564247 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9327

```
atttagatgc aagaaatata ttttaaataa ccatggaaac cagttttttt atccgagtct    60
aatcacgttg aaatatttta tgaatatccc cagagagttc gtaaattagt gagtgatttt   120
tttaaatgca aaggtaaata cctagaaatc atatatacac ttaaagtaaa atctcacaga   180
gttctcaagg ccattttgca tttactagtg ccacagtagt ggcgttacag tgagctgcag   240
taacctgaaa cagtactgca tggatgctct aataaattgc atgtctggag gaagcggcta   300
actatggcga ccgccacgga gcagtgggtt ctggtggaga tggtacaggc gctttacgag   360
gctcctgctt accatcttat tttggaaggg attctgatcc tctggataat cagacttctt   420
```

```
ttctctaaga cttacaaatt acaagaacga tctgatctta cagtcaagga aaaagaagaa        480
ctgattgaag agtggcaacc agaacctctt gttcctcctg tcccaaaaga ccatcctgct        540
ctcaactaca acatcgtttc aggccctcca agccacaaaa ctgtggtgaa tggaaaagaa        600
tgtataaact tcgcctcatt taattttctt ggattgttgg ataaccctag ggttaaggca        660
gcagctttag catctctaaa gaagtatggc gtggggactt gtggacccag aggattttat        720
ggcacatttg aatgaagatg aaggatcatt gatttccttg tgtatggata atccgggaac        780
aggccaacta aatatttgat gaatgtatga tttcaaatac agtgaattcc ctgggagtca        840
tcaaagaaga ccggcatttt atggttgttt ttattaagtg tatattcttt gctcctgaaa        900
atgttattaa ataattgttt aggccgggca tggtggctca tgcctgtaat cccagcactt        960
tcaaaggctg aggcaggcag atcacctgag gtcaggagtt caaaaccagc ctggccaaca       1020
tgctgaagcc tcgtctctac taaaaataca aaaattggct gggcgtggtg gtggatacct       1080
gtaatcccag ctacgtggga ggctgaggtg ggagaattgc ttcaacctgg gaggcagagg       1140
ttgcagtgag ccgagatcat gccactgcac tccagcctgg gcaacagagc aagactgtct       1200
caaaaataaa taaataaata aaattgttta aatgaaaa                               1238
```

```
<400> 9328
ggaatactgg gtcgacccac gcgtccggac gaaatggaca tgacttggga gaagcgggtt        60
gcgttcggcg gcggcggcgg cggcggcggt ggtggttgtg gcgaggctgt gcggcagggc       120
gcacgggacc tgtcctgcag cggctctctc aggccgtggg tcgtcgctgc agctgccggg       180
aaagaaggaa acgacgactc cgggggcgaa cttggcacac agggaggaag ggaaaggatg       240
catggtcatg gaggctatga ttctgatttt agtgatgatg aacactgtgg agaatccagc       300
aaaaggaaaa aaagcgaact cttattttct tcttaatata tcaggacagt tgaagacgac       360
ttactgctcc aaaaaccatt tcagaaagaa aaacatggaa aggtggccca taaacaagtt       420
gcagcagaat tgctggatag ggaagaagca agaaatagaa ggtttcatct catagctatg       480
gatgcttatc aaagacatac aaagttcgta aatgactata ttttatacta tggtggcaaa       540
aaagaagact tcaagcgttt gggggaaaat gacaagacag acttggatgt tatacgagaa       600
aatcatagat tcctatggaa tgaggaggac gaaatggaca tgacttggga gaagagactt       660
gctaagaaat actatgataa attatttaag gaatactgca tagcagatct cagtaaatat       720
aaagaaaata agtttggatt taggtggcga gtagaaaaag aagtaatttc aggaaaaggt       780
caattttct gtggaaataa atattgtgat aaaaaagaag gcttaaagag ttgggaagtt       840
aattttggtt atattgagca tggtgagaag agaaatgcac ttgttaaatt aaggttatgc       900
caagaatgtt ccattaaatt aaatttccat cacaggagaa aagaaatcaa gtcaaaaaaa       960
agaaagata aaaccaaaaa agactgtgaa gagtcatcac ataaaaaatc cagattatct      1020
tctgcagaag aggcctccaa gaaaaaagat aaaggacatt catcttcaaa gaaatctgaa      1080
gattctctac ttagaaactc tgatgaggaa gaaagtgctt cagaatctga actttggaag      1140
ggtccactac cagagacaga tgaaaaatca caggaagaag aatttgatga gtattttcag      1200
gatttgtttc tatgagacga gagagagaag cctccgctcc ttaatgtgaa acttcatgaa      1260
gttttaaact tcatgcaatt tgaaattcca tataagtttt tatctgcaag ttacagcttg      1320
tgtggtttgt ctttggaaat aaaaatccag gttctctcag aatgtcagag gctttggaag      1380
```

```
ttcattagtt caattaaaga ctttcctgtc ctttaaatat cttttcaatt gcttatctac     1440
aattctgttt tatttgtagc tcctagagga tagagctgga cagattccat tgttcctaca     1500
ttttgtaggt ttttttttcac tgccttcatt atgtatcttc tcttgccttc attattttat    1560
tttattattt cttctttttc tctttttttag agccaccaat actggatttg                1610
```

<210> 9329
<211> 717
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (420)...(639)
<223> similar to gi439877 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

```
<400> 9329
acactagtcc atgcggtgga attcatcact gtttcctaca tatgtcctag aaatcctaat      60
tctgtcatat attaataggt gctaagaaat aaggaattct tggtcacatg aatttggaaa     120
atgatggatt aaacaaaact gaacacattt cctgactgaa ggttatcata gatcctcaat     180
tatgctaatg tgccttgtaa attcctaaga agatatagcc cattacccca cagttacagt     240
taggtcacca tctccacttg cttcccccac cacccccctt gtctagggta agagtggctt     300
tcctcctggt aaaggttagt ctctgtatct ctctccagat tcttaccctg tctcttcagg     360
gatctgactt cagaagaaat ctatttcctg cctcttgtcc tgtagcctat cagtatgctt     420
ggttttctcc agtttaaaaa aaatgacgac cttttcttat accatacaca aaaattgact     480
ccaaatggat cacagaccta actataagag ctaaaactat aaaattctta gaataaaaca     540
tgggagtaaa tcttcatgat ctcaggttag atgaagcctt cttaagtgtt acaccaaaag     600
cacaagtagc aaaagaacaa acaaaacaac aggaaaaaag cacaagcaac ccaaatcaca     660
aaccaacaaa gaagacaagc tgggcttgca tcccagcact ttgtgaggcc ccgcagg        717
```

<210> 9330
<211> 1219
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (121)...(548)
<223> similar to gi641446 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

```
<400> 9330
gtctgagaga atcattaact taatttgact atctggtctg tggatgcgtt tactctcatg      60
```

```
taagtcaaca acatcctggg attgggacac actttctggg cactgctggc cagtcccaaa    120
atggaacata aggaaggggt tcttctactt cttttatttc tgaaatcagg tcaaggagag    180
cccctggatg actatgtgaa tacccagggg ccttcactgt tcagtgtcac taagaagcag    240
ctgggggcag gaagcagaga agaatgtgca gcaaaatgtg aagaggacaa agaattcacc    300
tgcagggcat tccaatatca cagtaaagag caacaatgtg tgataatggc tgaaaacagg    360
aagtcctcca taatcattag gatgagagat gcagttttat ttgaaaagta aatgtatctt    420
tcagagtgca agactgggaa tggaaagaac tacagaggga cgatgtccaa aacaaaaaat    480
ggcatcacct gtcaaaaatg gagttccact tctccccgca gacctaggtc agactttcc     540
tttcatcttt gtgttcatct actgtaaagt gtccgtctgt gtctgtgagg gattgggttc    600
caggacccct gtgggctacc aaaatccatg cttctcaagt cccttatgta aaatggtgca    660
gtatttgcat ataacctaca taccttctct tgtgcaatcc ctaatataat gtaaatgcta    720
tgtaatcgtt gttatactgt attgttttta tttgtattat gttttattgt catattgtta    780
ttttctctca tcttttttcaa gtctttttcca tccacagttg gttgaatttg tggatgtgga    840
acccatggat acagagggcc aactgtattt aggataattt catcactttt aattcaaacc     900
agaatatgtg aataagcaga cagaaagaat cttttgatg tcgatgttca actattttg     960
gcaccatagt agaacatggt tgctttctat tttttcttgg gtatggaggt ttcttgaaga   1020
cctagaacat agaagaatgc ctagttaaaa aaaaaaatca atgaaactac gagttttagg   1080
ccaaatctga gaaaagacca aagatgacta tgtttgggac tgaagtaaac atatcaagtt   1140
agaactctca tcacatgttt gactcaaatt gtggagcaaa atagtaaata aaatataaaa   1200
atgaaaatga aaaaaaaaa                                                 1219
```

<210> 9331
<211> 643
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (577)...(646)
<223> similar to gil469868 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9331
```
aaaaaaacct gataacgttt gaccttgatt aaccctagct tggcacgagg ggtgccgtcg     60
gcgctccctg cgcggccccg ctgagcctcg gtgcggcggc gagcgcggtc gagatcgcca    120
tgcctacccg agtatgctgc tgctgttccg ctttgcgtcc tcgctacaaa cgcctggtgg    180
acaacatatt ccctgaagat ccaaaagatg gccttgtgaa aactgatatg gagaaattga    240
catttttatgc agtatctgct ccagagaaac tggatcgaat tggttcttac ctggcagaaa    300
ggttgagcag ggatgttgtc agacatcgtt ctgggtatgt tttgattgct atggaggcac    360
tggaccaact tctcatggct tgccattctc aaagcattaa gccatttgta gaaagctttc    420
ttcatatggt ggcaaagctg ctggaatcgg gggaaccaaa gcttcaagtt cttggaacaa    480
attctttgt caaatttgca aatattgaag aagacacacc atcctatcac agacgttatg    540
acttttttgt gtctcgattc agtgccatgt gccattcctg tcatagtgat ccagaaatac    600
gaacagagat acgaattgct ggaattagag gtattcaagg ggt                      643
```

<210> 9332
```

<211> 460
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (54)...(181)
<223> similar to gi4206161 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


<400> 9332

```
ggaattcgga gaagacagct gttaccaggg aggtcataca acattttttt aggatgtctg      60
aagatgatta aaaagtgaaa ttacgccgtc ttgaaccagc tatccagaaa ttcattaaga     120
tagtaatccc aacagacctg gaaaggttaa gaaagcacca gataaatatt gagaagatta     180
tttatctcct ggtcatcaaa gatttccttt ttttatttac ccaaagggga caggagtcag     240
tctgtgtatt ggaagatgtg accatatttg gtgagagtgg aggggtagaa aatattttgc     300
aaatgaggga tgtttactgc cttcctgact gtagactgaa ggaggcaagg actttgacat     360
tttccccaac gcctatctgt atttccaatg cctgtcacat agtacgtgct caatggatat     420
tgattgaact aactaaaatt gtccttatct actgtcaaac                           460
```


<210> 9333
<211> 1681
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (988)...(1682)
<223> similar to gi4102043 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9333

```
gttttgtttg gttggtttta ttttgacatt gttaaattta gcttagaggc tgacacataa      60
atgttgatta aatgatagaa atacaaaaca tatataccaa tacagttaaa tgtaacagtc     120
acagcacata taccaaacaa cgaattcatc acagatatgt acacagatgt gcacaacaca     180
cagatgtgcc acccctatct gccaagggct cacaaataaa tgggagaaac agattccaaa     240
acagatcatg gtaatggaat ggggtgagta caaagagagg tccagggtat tttggaagtc     300
ctgtggagga tgcccagtgt ggatgtatgt gttgagggga tgagtagccc aggaagagaa     360
aacctaagca aaagatggaa ggagcaagat agcagtgttt cagaagagct gggcgggagc     420
ttgggaggca accagaagaa taaatgtgtt tgcctggcag gatatgaggc tgtgcagaga     480
ggcaggggcc ttgttaagaa gctatgctct ggaccaaggt ctccagggag tcactgaggg     540
tttaaacagg accatgacct gaacagaaat gtctaagatt cctcggatgc tatgaggtgg     600
gtagcctgga aaggagatg aggcagggag actagaaacc caacacatgt acacagtata     660
cccaggaagt acctagggcc cctgaggccc acagatgccc ccacaacacc cttactagac     720
acagccaggc tggaggacca cagtgattca acctggggag tgacagctgg aggcccatgg     780
ggccaattac ccactgtggg cttgggcctc tcccaggctt cctcccaggc ttccctggcc     840
tggagaacag tgtggattaa cagttgagat cctccatcct ggagcctgct ccccatccca     900
```

```
caagaggaca caaccatcag ctctccctag caggctcctt tcctcagggc tgccctatca     960
cccctcaaa cccccacaac ctgcccccag gtctggttcc agaaccgcag agccaagtgg    1020
cggaagcgcg agcgttatgg gaagatccag gaggggcgga accccttcac ggctgcctat    1080
gacatctctg tgctgccccg tactgacagc caccctcagg taagacccca gccctacctg    1140
aaccaggacc tggcagggtc accaaaaaga atatgaggtc tggcctgaag aaacctggag    1200
agcgtcagcg ttctgtatga cagtgggtac accacttcac ttctttctct gcaaaccggg    1260
gctcttgcct gtctcatgaa tgacgcatgc ggaacacaaa ggaatcacag aagaaaattt    1320
cgttttgaga acagtggcag gggcctcctg agatgccact gccagtgttg ggggtgagag    1380
ggggtagatc tgagccaagt ggaggtttcc tggaaagttt ctgggccccc aaggacaaag    1440
agaaagcccc tgggtaggga agtcagctcc tgaggctaca ggctcatggg ccttctttcc    1500
ctctcttttc agctgcagaa ctccctgtgg gccagtccag gatctgggag ccctggaggc    1560
ccctgccttg tgtctccaga gggcatcccc tccccatgca tgtctccata ttcccacccc    1620
catgagagtg tggctggctt catgggggtg ccagcccctt ctgcggctca ccctggcatc    1680
t                                                                     1681
```

<210> 9334
<211> 1699
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (264)...(847)
<223> similar to gi4927370 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9334
```
cctttgacat cttaggcctg cggcgcaggt ccggaattga cggatccacc cacgcgtgcg      60
gggacccagc gcagaagcag cgccaggtgg agccatcgaa gcccccaccc acaggctgac     120
agaggcaccg ttcaccagag ggctcaacac cgggatctat gtttaagttt taactctcgc     180
ctccaaagac cacgataatt ccttccccaa agcccagcag ccccccagcc ccgcgcagcc     240
ccagcctgcc tcccggcgcc cagatgcccg ccatgccctc cagcggcccc ggggacacca     300
gcagctctgc tgcggagcgg gaggaggacc gaaaggacgg agaggagcag gaggagccgc     360
gtggcaagga ggagcgccaa gagcccagca ccacggcacg gaaggtgggg cggcctggga     420
ggaagcgcaa gcaccccccg gtggaaagcg gtgacacgcc aaaggaccct gcggtgatct     480
ccaagtcccc atccatggcc caggactcag gcgcctcaga gctattaccc aatggggact     540
tggagaagcg gagtgagccc cagccagagg aggggagccc tgctgggggg cagaagggcg     600
gggcccagc agagggagag ggtgcagctg agaccctgcc tgaagcctca agagcagtgg     660
aaaatggctg ctgcaccccc aaggagggcc gaggagcccc tgcagaagcg ggtgagtcct     720
cagcaccagg ggcagcctct tctgggccca ccagcatacc ctgagagtca gggacttggc     780
tctccagcag gtcccaggaa ggatggtctg ggtcgtggct aaaggtctgc ttgccaaggc     840
tatggcctgg aggctactgg ctggatgcag cctgcgcata tgtttattt ggcccataga     900
gtgtttaaa catttaaaaa attagttgcc agtatttaaa aatcaaaaaa tttcacataa     960
aaatctggag ttttggcttc tcatgaaaaa aaaaaagct agatctggca acaggggct    1020
ttcataacgc caacgattgc taaactggga taatggcggc ccctccatcg ccttctgggg    1080
ctggttgggg cccttaattt tttgcagctt tacctggcct gcttactttc ccacgtgcca    1140
tgcagttcct ggggttgct gaatttgtag cccctggcct gggcactcaa gggcagcaga    1200
taccctgttt gcctccctga gtgcagaggt cctgagccca ccctagttgg gctgactcaa    1260
ctggaaattt ggttgtgaca gtggcgtggg gagagggctg ggtgattgta ttctgtgtac    1320
tgcccagccc aggcctcttc atctggggac tttttggcct aaccctggaa gcctggaaag    1380
```

```
ttgcccactt ttctctttca ggttaagcca gcaatttcag ggccaaccga gctgtaaaca   1440
tgttagtaat gaggacaact agcatttgta cagggcttca cagtttacaa agcgctttct   1500
catacattat cacatttgat cctcccaggg ccctgccagg ttgttttgca tatgtgcatt   1560
ttaatttcaa aaagtcttcc ttccaagcgt gtatgatgaa atgagtaaat tgattaattg   1620
gcgtaactta ttttgcatgg atccaaccta atgttcatgc aggatagaga acatttccag   1680
aatacaaatt tccaaactt                                                1699
```

<210> 9335
<211> 794
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(795)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (165)...(773)
<223> similar to gi5420389 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
<400> 9335
cctgntcccc cggagtcact gtnagttggg gtgactgnaa ggcaagcagc aagctgggcc    60
ccatgctgct ctccacctcc acacctgatg aggcctggtc cccggagtct tcatgcctgc   120
ttttggtggc ccctggggtc tggctgctgc tggtgagaga aaagtcacgg acctgaggct   180
tggcttcttc ttgggancca ttcacaggga gcagntcctc ctcttcctcn acntcttgtt   240
tctctacctc ttccttctcc ctctcctcct cttcctcttc ctcttcttcc tcctctctgg   300
gaggcatatg ccagggaggc tcaaccagat tcatcttggg caagggagag gggaggtttg   360
gcagctcttg agcctggctg gtgtcttcaa tggaacctgc cttctcagtt aagtcaggaa   420
aaacataatc tgcagtgggt cccaggtcca gacttgagtc attcagctct tcctcctctt   480
cccagaagta ctgtggtggc tgcagaatcc gagactcttc attctcttcg ctggggaagc   540
ctgagccagg ggctcccagc ccagctccca ggcccatggt ctcactaggc tcctctgagt   600
ccagtggctc caagccagtg ggcagcagga ggtctagcag ggaggtggag gtgaggccct   660
ctgggccagg ctcatcagac ccagccacac aggcacccag gaacgctccc ccaaccagca   720
gaagcagcag cggcgaaagc agcggcggca gccgggcggc ccgcagcagc cggcccatgg   780
tgtagccgac gaaa                                                     794
```

<210> 9336
<211> 660
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (280)...(652)
<223> similar to gi3879755 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9336
tgcggcgcgc gcagcgcctg ttcctccctc tcagggctgc gcgcccaggt ctgcaccgcg   60
ctccgcctcc agccgcgcgc agacttgcca cgcgtcgtga gagcgaccgc ctccgtctct   120
cgctgggctc gctagggctg cgcgttgggc cagcgggggc gccgcagctg aagccgcccc   180
ggagccggtg aaccgaatta cctcgaggga ggggcgtggg gaaggcggcg ggaggaggag   240
cgcacgggcc ggctgccgtg cccaccacgg ctgaggaaca tggttttcga gtcggtggtc   300
gtggacgtgt tgaaccggtt cttgggggac tatgtggtgg acttggacac gtcccagctc   360
tctctgggca tctggaaagg agctgtggcc ctcaagaatc ttcaaattaa agaaaatgcc   420
ctgagtcaac tggatgtacc atttaaagtt aaagttggtc acataggtaa tcttaaactt   480
ataattccat ggaaaaacct ttatactcaa cctgttgaag ccgtattgga agaaatttat   540
ttacttatag tgccttcttc tagaataaaa tatgatcctt taaaagaaga gaaacaactc   600
atggaagcaa agcaacagga actgaaaaga atagaataag caaaacaaaa agtagttgag   660

<210> 9337
<211> 581
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (331)...(546)
<223> similar to gi5902361 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9337
tttcgtgaag tgcagtgggc tcagcgccga ctgcgcgcct ctgcccgcga aaactctgag   60
ctggctgaca gctggggacg ggtggcggcc ctcgactgga gtcggttgag ttcctgaggg   120
accccggttc tggaaggttc gccgcggaga caagtgagca gtctgtgcca tagggattct   180
cgaagagaac agcgttgtgt cccagtgcac atgctcgcat cgcttaccag gagtgcccga   240
gaccctaaga tgttcggagt ggttttttcg cacagacccg aatagcctgc ccctcagcca   300
cgctctgtgc ccttctgaga acaggctgat atgcccaaga tagtcctgaa tggtgtgacc   360
gtagacttcc ctttccagcc ctacaaatgc caacaggagt acatgaccaa ggtcctggaa   420
tgtctgcagc agaaggtgaa tggcatcctg taaagcccta cgggtacagc gaagacgctg   480
agcctgctgt gtaccatgct ggcctggcga gaacacctac tagacggcat ttctgcccgc   540
aagattgccg agagggcgca aggagagctt ttcccggatc g   581

<210> 9338
<211> 449
<212> DNA

                                   7698

<210> Homo sapiens

<220>
<221> misc_feature
<222> (138)...(443)
<223> similar to gi4468303 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9338
ccggcggcgg cggctccggg acgggatccc ggcctgaggg gactgcgcgg ggaacctctc   60
tcccagggaa gatcgcagaa ccgggcgcgg tgcggacctc tcagcccaac taccggcctc   120
aaggcatgga gggatttttg aaatcagatg agaggcagag attggccaaa gaaagacgag   180
aagaaagaga aaaatgtctg gctgctcggg agcaacagat cctggagaaa cagaaaagag   240
ccaggctgca gtacgaaaag caaatggagg agcgatggcg aaaactggaa gagcagcggc   300
agcgggagga ccaaaagaga gctgctgtgg aagagaaaag gaaacagaag ctccgggagg   360
aggaggaacg gctggaggcg atgatgcgcc ggtccctgga gcgcacacag cagctggagc   420
tgaaatagaa gtattcgtgg cgagcaccg   449

<210> 9339
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (691)...(699)
<223> similar to gi5915896 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9339
cgacccacgc cgccgggtga ggtgagcgca ggctgccaga gagggcttag cctttccacc   60
ccgtgggagg gctggggggc gccctctggg gcctgaacgg ctcctgctgt cggcgccctg   120
gagggcccgc ccacttcccg acaggccgcg cgcgtcacct cagccttcgc tcaggccttt   180
cctaccctca acgccgttcc gggggggccgg gcctggcaag tcctcttgga acgcctccct   240
cttgccttcc ccttttgggg acagatcccg aagttcgagc atccctcgga taggccgggt   300
gtcaggcctg gtctctcagg cccgtccagg cccatcttga cgattccaag accacccct   360
tgagcaagaa tgccatcccc tctgggtccc ccatgcctgc ccgtcatgga cccagagacc   420
accccttgagg agcctgagac tgcccgcctc cgcttccgag ggttctgcta ccaggaggtg   480
gcaggtcccc gagaagccct ggcccggctg cgtgagctgt gttgccagtg gctgcagcct   540
gaggcacact ccaaggagca gatgctggag atgctggtgc tggagcagtt cctgggcaca   600
ctgcctcccg agatccaggc ctgggtgcgc ggtcagcggc caggcagtcc tgaggaggcc   660
gctgccctag tcgaaggact gcagcatgac cctgggcaac tgttgggctg   710

<210> 9340
<211> 1071
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1072)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (395)...(1034)
<223> similar to gi2058326 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9340
```
ttattcaaag cccacggcca aaaatcaccc tagccctgcc tctgcctcag ttatttccac      60
acctacccccc ctgctttgta gctaccccaa ggtggcggta gctcaaagtc ccctgagggc     120
tggggaggaa gctacccggc ctggctcgca ttccaggccc cactgtaggc caaaggcata     180
ttttaagagg acaatggatt tgtttttatt aatttttttg ctaagaaagt ttctaggtgg     240
caggtgctgt ccggggaggg ggcgtgcgca gcagacacag cagccaaact gtcctttctg     300
cttccgtctg tctgtgccag ccctgccgcc tgccagctct tgctccctca gagccagaag     360
gttcttggct ccaggcttcc tggcctggat gctggcagcc cctggggaga ggacccaggc     420
cccctctagt aatggccacc accctccccc cagggcagct ggagcctcat ctttggcagg     480
gtcccctctc cctttccag gagactctgt gcctgtagcc ctggtcccag tgaacctggc     540
ccccaccccca gtggctggaa caggaaggcc aggaggcaga tgggccaggg ccaggagaca     600
gatggcccaa tcccctgccc accacagcag ctttttttgag aggcgggcag gggcagggtt     660
tgctcccccct ggtgctggga tgtggtagag acattgcagc cagggctgga ggcagggagg     720
cgggagtaga gatgtcgctg ctgagccccc atcaccatgg gaggcagggg aggtctgcac     780
tctgggcact ccgcatgctg gggctcccca agtgttaggc caggctggag ggccgcgatg     840
tggcggggaa gccccagacc ctacaggaaa gcccttgcaa gtccccaccg gggacccagc     900
cccaccgcaa acctctacgg ctacggtgcc ggccgcaagg catgctggga ggcctgcttg     960
gcccggtgcc gccgcagcct cacaaagacc tgggcttctc ggtcacccttt ccggccctcc    1020
agcagctgcg aattccacca cactgactag ggtctcgagn nnnngcccca c              1071
```


<210> 9341
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (206)...(416)
<223> similar to gi3256621 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9341

```
gctgagcggg ttcgagccgg cgttggggag cggcggtacc gggcggatgc ggggctggct    60
cgacccatct tgaggtctcg gcgttcgcgt cctgcggtgc cctggggtct accgaggacc   120
ttgcacccgc gcggcttact tgggctggct ttggacgacg ctttcacctt actgctgcct   180
aagatccgcc gacatgaatc ccatcgtatt ggtccacggg ggcggagccg gtcccatctc   240
caaggatcgg aaagagcgag tgcaccatgg catggtcaga gccaccaccg tgggctacgg   300
catcctccgg gagggcggga gcgccgtgga tgccgtatag ggagctgtcg tcgccctgga   360
agacgatccc gagttcaacg caagttgtgg gtctgtcttg aacacaaatg gagg          414
```

<210> 9342
<211> 577
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (395)...(233)
<223> similar to gi4240255 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9342

```
tttcgtcgcc aggcaagctg cggctgctac ctcccacgcc tctccaggtg cactcggcgc    60
cgcccccctg cacctggctg cggtgccgag tcactcaggc ctgtgtcagg gagagaggga   120
gggagctgtc ctggaaagca gacacgtaag cccccgcgg atcctcagac agctctggag    180
aggggtcccg ggggaaggtc actgcgtcca gccggccagc aggcagctag agcccccgag   240
ccccgagccc cactccagcc ttgccacatt caccggaacc gggactctaa gccctgcaag   300
tggctttcta gggttgcatt gacaccgtgc gctgcagccc accctatct cgggctccct    360
gctgccccaa gatcagcgcc aaggggctg caccatggcc atgagccttt tgcaggactg   420
gtgccggagc ctggacgtgg acgcgcacag ggccctgctg gtcaccggca tcccggaggg   480
cctggagcag gcagacgtcg aagccgtcct gcagccgacc ctcctaacat aagcacgttc   540
aggttgcgac acatgaaggc tgtatgagcg agatggc                            577
```

<210> 9343
<211> 940
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (230)...(942)
<223> similar to gi2854153 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9343
```
tttcgtgccc agcgagctgc cccgggggtct ctccggtttt ctaatcaggg caacgccgcg      60
ggagagaacc tttaccttgg ctgcactaag ttctcggtgc cactccctgg cagggcggga     120
ccttgtttag gccctgtgat cgcgcggttc gtagtagcgc aaggcgcaga gtggaccttg     180
acccgcctag ggcgggaaga gtttggcccg ccgggtccca aagggcagaa tggacgggct     240
cctaaatccc agggaatcct ctaaattcat tgcagaaaac agtcgggatg tgtttattga     300
cagcggaggc gtacggaggg tggcagagct gctgctggcc aaggcggcgg ggccagagct     360
gcgcgtggag gggtggaaag cccttcatga gctgaacccc agggcggccg acgaggccgc     420
ggtcaactgg gtgttcgtga cagacacgct caacttctcc ttttggtcgg agcaggacga     480
gcacaagtgt gtggtgaggt acagagggaa aacatacagt gggtactggt ccctgtgcgc     540
cgccgtcaac agagccctcg acgaagggat accaataact agtgcctcgt actacgcgac     600
agtgaccctg gatcaggttc ggaatatact tcgttctgac acagacgttt ccatgccttt     660
agtagaagag aggcatcgga ttctcaatga aaccgggaaa attctgctgg agaagtttgg     720
aggctctttt ctcaactgcg tccgagaaag tgagaatagt gcgcagaagt taatgcacct     780
ggtggttgaa agttttcctt cttacagaga tgtgactctg tttgagggga aaagagtttc     840
tttttacaaa cgagcccaaa tccttgtatc atatacgtgc attgtattgg aaggcaaatg     900
agatgcgtgc ttgcaggaca tcctcagtat caccatgtta                           940
```

<210> 9344
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (105)...(334)
<223> similar to gi5815233 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9344
```
tttgaatact gtagaacacc gtttacgcca agcttggcac gaggggggcc cagagcagat      60
tcattctcat ctgaggccag agtagtgccc gttgtatgct gctgcttgaa ctcagagcct     120
cgtgaattgt cccacagctt cggaaatgtg tggacaccta caagtacctt ttcatcttct     180
ctgtggccaa catgaggaac agcaagctga aggacatccg gaacgcctgg aagcacagcc     240
ggatgttctt tggcaaaaac aaggtgatga tggtggcctt gggtcggagc ccatctgatg     300
aatacaaaga caacctgcat caggtaagtc tctggccctc acggggtgga gctaaggcaa     360
agccgccctc tctcccacta ctcccatgtg acagcctccc ccagccattg gcaggccaga     420
ggctcaggga gagcagggcc tggcttaaag ctctgggttc tccctt                     466
```

<210> 9345
<211> 578
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
```

<222> (202)...(579)
<223> similar to gi3342738 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9345
cccggggcag gagggcagcc gcggccggca ggacaggcag acggacaggc tgacaggaga   60
gagaacaggc actgcgggac ctgcaggaga aaggcgatcc tgtggctggg aatgtgaccc   120
cacggccaga agaggacccg gtatcctcag gtccgagccc ctggacagca gccccaggcc   180
cagctggcca tggccctgtg cctgaagcag gtgttcgcca aggacaagac gttccggccg   240
cggaagcgct ttgagccggg cacacagcgc tttgagctgt acaagaaggc acaggcctct   300
ctcaagtcgg gcctggacct gcgcagtgtg gtgaggctac cacccgggga gaacatcgac   360
gactggatcg ccgtgcacgt ggtggacttc ttcaaccgca tcaacctcat ctacggcact   420
atggcggagc gctgcagtta gaccagctgc ccggtcatgg ccggcggggcc ccgctacgag   480
taccgctggc aggacgagcg ccagtaccgg cggcccgcca agctctctgc gccgcgctat   540
atggcattgc tcatggactg gatcgaaagc ctcatcaa   578

<210> 9346
<211> 539
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (267)...(1)
<223> similar to gi2738989 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9346
aagaatccag atggtggcct tttgggggca ttaggatcct tcttcttgcc tcccttagct   60
ggtccataat ccttcatttc ccgatcatag cacacttcat ccgcctttgc catttcacca   120
aatttaaatt tctctttact ggacattgtc ttccacctcc cagagcattt cttggaaaat   180
tctgcaaaat tgacagggac ttctgggttt ttcttcttat gttcttctct gcattggaac   240
aggaattaaa agaaattaaa gaggccgggc gcagtggctc acgcctgtaa tcccagtaat   300
ttgggaggcc aaggcgggcg gatcacctga ggtccagagt tcaagaccag cctgaccaac   360
atggagaaac cctgtctcta ctaaaaatac aaaaaattag ccgggtgtgg tggtgcatgc   420
ctgtagtccc agctactccg gaggctgagg caggagaatg gcttgagcct gggaggcgga   480
ggttgctgtg agccgagatc gcacctttgc actctagcct gggcaacaag agcgagact   539

<210> 9347
<211> 682
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (280)...(416)
<223> similar to gi36613 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9347
ctggggtcc tggctgaact ggtctggtgt taagggggcc ccctgacccc cttgaagggg   60
gggctgggct gggtgagggg gggtggccga cccccagcca ggttcccagg caggatgagc   120
tggggttggg gtggctaggc cgagggcctt gggagctggg cagtctgggc tgggctgggc   180
tgggcagggc gccacatgga agctggagga gcaacgggag cgctgggcgt ggggagcaaa   240
ttgcccagtg ccttctgttt cccaggcagc tctgtggcca tggatatgtt ccagaaggta   300
gagaagatcg gagagggcac ctatggggtg gtgtacaagg ccaagaacag ggagacaggg   360
cagctggtgg ccctgaagaa gatcagactg gatttgtgag tgctgggacg gcccctgagt   420
tacccaccct gggccatcac aacctgggcg ctccctgatc cgttccctct ttcctggagt   480
ccacgtttaa ctcctctggg tgctgcccag cagcccttac ctgtcctctc cccagttcac   540
tgccttctga ccagcctttg ccggggccct gactgtggag tttggtggat gacgtgccaa   600
ggagcacagg tctccattgc cggggccctg gtcattctgt ggggttaagg agaagccgat   660
                                                                   682
ccccctggct ggaagtgccc tt

<210> 9348
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (134)...(733)
<223> similar to gi5824531 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9348
tttcgtcttt gtaactgatg aagagcaagg ctttgtctct aattctgccc agttaaagtg   60
caggcgttag gctaaagctg ggacaaacct ggagcggctt cattggcttt cctacttctt   120
ttgcatccca aagcataagc ttaaatcgtc tcagaaggac aaggtccgcc agtttatggc   180
gtgcactcag gctggcgaga gaactgctat ctactgctta acgcagaatg agtggagact   240
agacgaggcc acggacagct tcttccaaaa cccagactcg ctccacaggg agtccatgcg   300
gaacgctgtg gacaagaaga agctggagcg gctgtacggc aggtacaaag atccacaaga   360
tgaaaacaaa attggagtcg atgggattca acagttttgt gatgatctga gcctggatcc   420
tgccagtatc agtgtattgg tcatagcgtg gaagttcagg gcagcaactc agtgtgaatt   480
tagcagaaag gaatttctag atggcatgac agaacttggg tgtgacagca tggagaagct   540
aaaggctctt ctgccaagac tggagcagga gctgaaggac acagccaagt ttaaagattt   600
ttatcagttt accttcacct tcgctaagaa cccagggcag aaagggttag acttataaat   660
                                                                   720
ggctggtgcg tattggaaat tagtgttatc tggaaggttt aaatttttat atctctggaa   743
cacattctta atggaacatc aca

<210> 9349
<211> 1719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1720)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (742)...(883)
<223> similar to gi4092503 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9349
tgattttaca ataacattat catctgcagt tactgtttac aagactgctt ttaccttaaa   60
ctttgtagat gtttacatct ttttgttgtg ttttaagatg atgttggtaa tttgtgcctt   120
tagctctgtt ttattagaca gagttaaagc atgttgtctt ctttgggatt acactcaggg   180
gtctgaaagg cagtttgatt tttatttta acacacttga aaaaaggttg gagtagccag   240
actttcatat ataacttggt gattatcaac ctgttgtgtc tttatttaat tttacatctt   300
tttgaagcac tgccacaggt tattagccaa ggtggccttc cttcacagtc atgctgcttt   360
tttgaaaggt gaatttcaac acatttagtg cctctttcat ttctcagtat atatttcaag   420
agcttgtgat gaaatctata ggatggtaat gatggacttg tcacctgtat ggggaatact   480
tttactactc agaaatgaat ttatgtgctg ccatttgcta taaagttgaa ctttgtatgg   540
cttgaaaaag aaatgacaat atggaacatc ccaaggctgt cccatagggt tggaagttgt   600
gtagcattca ctcccttacc tactggcatt cccagtgccc tctgtccata cctacttcta   660
ggattgcaaa ggagtcttcc aactagagaa aaattgtcca ctgacatttg ggatttactt   720
ttctccaata cctgccaata cagaaaacta ttatcagttg ttattgttat cccttgaaag   780
cgagggtgac aaaaacaaca aacaccgtt ataaacacat caaaggttca ttctgactga   840
ggtaagactt tccaagccct tgttagatta ggccttataa aacttgtgtg cattataacc   900
taagctgtgc aacctgtgaa gccaagagtg aactgatgtt tcatttatat tttcatccaa   960
atgacattat ctgcacgttt ttaaaattta aaaacaaagg actatttaaa aatacagttt   1020
attaacaaac gtgaactact ttctgttaca ttaggtgttc cctagtgttt cttaatttct   1080
ttttagaaag tgtattttta ttagtatttt tccggtgaac agaagatttg tttggattta   1140
aacatttact aagacagtac ctattaggaa aaccaaatat tgcaaatggt caattcgatt   1200
ttaatttctc aaaagatact ctgttatcca gaagattaaa atgcctacat tgagtgctta   1260
aaaaaaaaaa aaacaactgt gatgatgtga ccaaaacggc aaggaagtta agcatttttg   1320
atcctgtaat catggnatca ttacaatgaa aggnattcac aaactactgc cagaggaagt   1380
ttgttttta atttaagagg gaaatataac ctataaattt gtttcttcca agcttagctc   1440
ttaaatttgg agactcaaag ttaaacatcc tcaacagagt tttatttata attttgaatt   1500
gncaatttgt attttgctac tgatctgtga tcaaccattt taactttcat ctntagggat   1560
gtttaacatt tattattgcc aaataaaccc acttttaaaa aagaaactta gagagaaatt   1620
gggacctttta attaccttgn ggggtttgcc aaaaaaggct ccattttttcc atnttggagg   1680
aggaatttta anccttttt nacctttgcc ctttnggcc   1719

7705

<210> 9350
<211> 1038
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (261)...(753)
<223> similar to gi3327124 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

       <400> 9350
tttcgtccct ggagctggcg aggtgtccgg ttgcggagcc ggcggcgtct ctggaaatgc   60
atcctgcatc cccgcatgga taacagctgc agctatgtca gaattgcaca aagaggggag   120
agtgtcattg tgtgcctttt gacacataca ttaagaccaa aaaggaaaaa aagcgtctat   180
ctgtgctgcc accgaccaga ctcatggagg ccagattttc tccaattaac cagatcttgc   240
cctggtgcag acaagactta gccatcagca tcagcaaagc catcaacacc caggaggccc   300
ccgtgaagga gaagcacgcc cggcgcatca ttctgggcac acaccacgag aaggggggctt   360
tcaccttctg gtcctatgcc attgggctgc cgctgcccag cagctccatt ctcagctgga   420
agttctgcca cgtcctccac aaggtccttc gagacgggca ccccaatgtg ctgcatgact   480
gccagcggta ccgcagcaac atccgggaga ttggagacct gtggggacat ttgcatgacc   540
gctacggaca gctggtgaat gtctacacca agctgctgct gaccaagatc tccttccacc   600
tcaagcatcc ccagtttccc gcgggcctgg aggtgacaga tgaggtactg gagaaggcag   660
ctgggaccga tgtcaacaac atgtgagtca ctctgcatgg ctacatggcc agttcccctc   720
ggcttcccca ttccttccta ccgcgtctca cgcccaggcg tccgcatggg gcagtggggt   780
tgaatgagtc cgtggctttg ttggttgatg ctcacgctcc cagggacaga gggtgaagtt   840
aaaagggtgg ggtgtacttg aaggactgtc gtcctggcag aggcacgctg tctcaccaga   900
gccatggtgt cggcggtgcc cccgtcccca ctggagggg cgtctcaaga cgagtgggtg   960
ggtccaccca cccttttca tttcttcccc cacttctctt gcgtagcttc cagctcactg   1020
                                                                   1038
tggagatgtt tgattacc

<210> 9351
<211> 676
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (322)...(677)
<223> similar to gi4521231 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

       <400> 9351
tttcgtccgg gcggtcgcat tgttttcctc cgcggatccg cggctggact tggacccagg   60
gctctcccga cagcgccctg gaacccaaat tcaagcacca tccaattcgg acgctcatcg   120
catctcgcct gagcacaacc acggattgcg aactcagcgc agcgcgtggc cgctggccgc   180
ccgcggcgat ctcgatcccg ctgacccgaa tcctggagtc agaggtttcc tatccccctc   240

```
aagcccccac aggagtcacc aacccagggc cggcttatgg gtgaggggc accccctggg    300
gcctgagctg ccccgcacag gatgccccgt gccccccact tcatgccctt gctgctactg    360
ctgctgctgc tctcacttcc ccatactcag gccgcctttc cccaggaccc cctccctctg    420
ttgatctctg accttcaagg tacttcccca ttatcctggc ttccgagcct ggaggatgat    480
gctgtggctg cataacttgg gctggacttt cagagattcc tgaccttgaa ccggaccttg    540
ctagtggctg cccgggatca cgtttttctcc ttcgatcttc aagccgaaga agaaggggag    600
gggctggtgc ccaacaagta tctaacatgg agaagccaag atgtggagaa ctgtgctgta    660
                                                                     676
cggtgaaagc tgacgg
```

```
    <400> 9352
tttttttttt aagactaaga gtcagtttaa tgtattattt ctagtgcatt ttttctcg     60
ccaagaataa aacggaaggt gagaataata aaactaggag actgaagtac ataatgcaaa    120
atacatacaa atctacatat aatcctaata tgctgagaga gcttcttaat gaaaatgatt    180
tcattctgag ttactgctag tttgatgcaa atgcagtatg taccatggcc cacaaccctg    240
tggtttcaag taggtagagt atatcttgag aagttattct ttgttaagat ttatatctca    300
gagtcaagca tgccttggtg gcaacaatca ttattctcaa tgcaggtaat tcaaaccaag    360
gaaaagacac tgtggaaaac tacaaaatat ttactctgcc taatgtagca actcctactg    420
aaaaacatat atgttgcata tttatgagtt gtagcccacg gttgtggaaa attcactaca    480
gaataaaacc aaatactgca tgatacgttt agtatacaac atgccatttc tgctcagtac    540
aagaaaaatc tactacccag cccccagcag acactaggac taacggcctg atagcagcaa    600
tgtggcaggt tgttctttt ttttttctgc tccaaaataa aaattagaat agtagcatcg    660
ttgaatatcc caattaaaac ccagtccaat tcaaaattca tcttcagagc tgtcggctaa    720
gagcattact cgatcttgca tgctgttgaa ttctctctgc tttctttat gcctttgaa    780
gccatttctc cttcggcgat tcataacctt aatgctgtag agggctccca agatgaacaa    840
ggctccagct atcccaaccc ctacaggcac cagcatccca gacatgtaac cagccttgtc    900
ttttaatttt tccatccagc ttctcaccag gccttgattc tgctgttccc actcgagggc    960
atctggcacc tggtaggtag ctccctccaa caggtccatg tttccctcct ctaagcctgg   1020
ttcctgggat gtgataccag ggagggtaaa acctggcagc tcagtgtcac catccaagcc   1080
ctcatccagc gagtctgcat ctttatcttc ctcatcttct tcctcatctt cctcttcttc   1140
atcttcatct tcttcatcct cttcatcctc atcttcttct ccctcttcag attcaagttg   1200
gtccaggcca tatgaggcag ctgtattaac acgagtaata gatggaacaa caagttcttc   1260
tctcagagga tgcctccaaa gccagaagtg cagggaaaa tgctgggttc ccccaccatt   1320
att                                                                1323
```

<210> 9353

<211> 515
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (475)...(499)
<223> similar to gi1780975 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9353
```
cccacgcgtc cggcttcatc tgcccaccaa gttttaaatt gtaagaactg agcaggagtt        60
agacaagctc gagtaagagc atcccagtca gtaggaatca tccaactgga aacagcaaca       120
ttctttaaca gtcccattac aaaaggagaa cctggtccat actgattaac agcttgttta       180
aattctttaa ataatttaaa aggaaaaggc tcaaatgtaa ctataatatt tccctgttga       240
tctggggggt gtattctaac agggaattgc caagcctcta aatcgccctc tcatctagct       300
tgctgaattc ctgcctgaat agaactaaga gcagttgctc aaggcattgc tcagtcactg       360
gggcaactac ttttcaccca atgtcctctg gaaaagaaag atctggaggg tctttttctt       420
caaaataata aggaggggt gcagaagggt agggatgaac ctctccctcc tttgccgctt       480
gagctttagc tggcaaattg gcaaataaac ctgct                                 515
```


<210> 9354
<211> 719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (673)...(537)
<223> similar to gi5823355 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9354
```
cggcacgagg ctggcttagg ggctctaagg cgcccagact cacaggtgct gtgaagagct        60
cctttattgg ggtgatggaa tcggttccaa agagctggtt tactgctgtg aagggatcgc       120
agctttgaat ttcaagctct ggttctcagt cctcgggcac ctgtgcgtga atcgctgccg       180
caaggctggg ccaagttaag gccccacgca ctttggcatc cgggccaggg atggtctcca       240
gaccccacag ggtgaagcgg ctgaagttgg cagtggctcc aatgaagcgg tcgaagtccc       300
gctccagcgg ctcctcctct tggtcgtcag tcccggaatc ccgcaagggg tctggcttcc       360
ccatcgacac cttcttctct tctgtcacca tcacgtatcc cacgaggcca ggcggcaccg       420
ccacctcctc tccccgtaga cagcggcccc gaaacgacac ttcgagtccc tcggggccct       480
ggcggatggc gggcgtgaag aagcgcccca ccggggcggg cccgtccacc gcaacctcgc       540
agggcagcag atgcagtgtg gcgggtacgg cgtcgcgcaa tgtggcggag cgcaagtgga       600
cgcggtgcct ctcgatggcc gcttcgtcgc cgctctccat cctccctcct acgcgacgcc       660
agggctcgcg agcagacact gaagacgaaa tcgtcgactc gggaatacga accggtcgc       719
```

<210> 9355
<211> 1058
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (83)...(30)
<223> similar to gi5689365 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9355
agcggccgcg caacaaagga gtcacccggc gatgagcccc ggcaccccg gaccgaccat   60
gggcagatcc cagggcagcc caatggatcc aatggtgatg aagagacctc agttgtatgg   120
catgggcagt aaccctcatt ctcagcctca gcagagcagt ccgtacccag gaggttccta   180
tggccctcca ggcccacagc ggtatccaat tggcatccag ggtcggactc ccggggccat   240
ggccggaatg cagtaccctc agcagcagat gccacctcag tatggacagc aaggtgtgag   300
tggttactgc cagcagggcc aacagccata ttacagccag cagccgcagc ccccgcacct   360
cccacccag gcgcagtatc tgccgtccca gtcccagcag aggtaccagc cgcagcagga   420
catgtctcag gaaggctatg gaactagatc tcaaccttcc tctggccccc ggaaaaccta   480
accatgaaga cttgaacttt aatacagcaa gaaagaccat caagtttacc agtaagacat   540
tattgtgctg atttggaaat gtaatgagtt aaagactttt agaaagagct gttgtttttg   600
tttgttctac tttatattat gacatgattg agaagtttct agacttcagg tttattttgt   660
ggtcaatttt tcaaggttta ccttttagga gctctgtagt cctggataag tctatttcat   720
gtgtatatat ctctgttgca gagtgtagac atcagttgga aggttttatg cggctggtcg   780
attttgtgtg caggtggtta ttgctgttgt acagttgagc tttctttagg ctgttgcttt   840
ttggcagcga tacagaacag aggtgtcctt agaggagtca aaacttaaaa gaaatttgca   900
ctttgcaaag gatacaaatg atgagataaa atacctgata gtaatttgaa tttcttctag   960
gactttctat ttatgtaatg agaaatcacc caaaagaagg tagtttgaaa tttgagacca   1020
gacgcggtgg ctcacgcctg taatcccagc tctttggg   1058

<210> 9356
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (39)...(181)
<223> similar to gi59977 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9356
tctcttcata cagacacacg tgacatttgg tgccaaagac ccgggggagg gggactcctt   60

```
cgggagacca gtcccctgtc ctcaccctca ctccatgagg agatccacct accatcttgg      120
gtcctcagac caaccagccc aaggaacatc tcaccaattt caaatcaggt aagcggtctt      180
ttcactctct tctccaacct ctcttgctgt tgctccaccc ttcaatctct cccttcctta      240
attttggttc ctttcccttt ctggtagaga cagaagagac gtgttttatc cataaactca      300
aaactccagc gctggtcact ccagacagtc ttccgttggt gtttaatcac tgtggggatg      360
cctgcctgat tattcaccca catttcaggg atgtcgaatt ccaccacacg ggtaatac       418
```

```
        <400> 9357
attcccgcct gcgctacgtc aacctggggc tctgctcgct ggtgtacgat gttttcttcg       60
acgcccaggc cagcctctac caggcgcgtt gccgctacct gcagccccgc tggaccgact      120
tccccggccg ggtcctggac gtgggcttcg tgggtcgctg gtgggtgctg ggggcctgga      180
tgcgcgactg cgacatcaac gacgacgaat tcctgcacct gccggcgcat ttgcgggtgg      240
tcgggcccca gcagctgcat tccgagacca acgagcggct cttcgatgag aagtacaagc      300
ctgtcgtgct caccgacgat caggtggacc aggcgctgtg ggaggagcag gtcttgcaga      360
aggagaagaa ggacaggctc gccctgagcc aggcccactc gctggtgcag gcggaggccc      420
cgagatgaaa ccctgaggcc cccgagtcct ggcaaactgc ttgcctgggg tggtgcagtt      480
ctgagtgtgc ctcacctgca gaacagctga gacagatgat gtgcaaagtg ttttctcact      540
ggatttgcac aagtttgggg agcctttctg cccccgtct ttgttcttta ttagctgaag      600
ctaattcaga gccacctggg tccgggagtt ggggacagca gaacgacttg acacatgttc      660
atcactggca gagctggtca tgagcctttt atataagcct ttttcatcgg gcctcagagg      720
ccctccttaa ggaggtacca cattggtcag ctgacttgca aactcttcta aggccactta      780
gattttcttt ttcaagtttg ggttgtggcc tggcatggtg atgtctgtaa tcccagcagt      840
ttgcaaactg aggcaagaga atcgcttgag gccaggagtt tgaggccagc tagagtgaca      900
tagcaagact ccgatgctac aaaaaagaat aatcatagta attaactaaa taaaatttga      960
gctgaaatgt ttttcttcta aaaaaaaaa                                       989
```

```
<400> 9358
gggtcatttg gggtcttggg ggcagggctc ccacgaggcc atcctcctct tcttggccct    60
ccttggcctg acccattctg tggggaaacc gggtgcccat ggagcctcag aaatgccacc   120
cggctggttg gcatggcctg gggcaggagg cagaggcagg agaccaagat ggcaggtgga   180
ggccaggctt accacaacgg aagagacctc ccgctggggc cgggcaggcc tggctcagct   240
gccacaggca tatggtggag agggggtac cctgcccacc ttggggtggt ggcaccagag    300
ctcttgtcta ttcagacgct ggtatggggg ctcggacccc tcactgggga cagggccagt   360
gttggagaat tctgattcct tttttgttgt cttttacttt tgtttttaac ctgggggttc   420
ggggagaggc cctgcttggg aacatctcac gagctttcct acatcttccg tggttcccag   480
cacagcccaa gattatttgg cagccaagtg gatggaacta actttcctgg actgtgtttc   540
gcattcggcg ttatctggaa agtggactga acggaatcaa gctctgagca gaggcctgaa   600
gcggaagcac cacatcgtcc ctgcccatct cactctctcc cttgatgatg cccctagagc   660
tgaggctgga gaagacacca gggctgactt tgaccgaggg ccatggacgc gacaggcctg   720
tggccctgcg catgctgaaa taactggaac ccagcctctc ctcctacacc ggcctaccca   780
tctgggccca agagctgcac tcacactcct acaacgaagg acaaactgtc caggtcggag   840
ggatcacgag acacagaacc tggaggggtg tgcacgctgg caggtggcct ctgcggcaat   900
tgcctcaccc tgaggacatc agcagtcagc ctgctcagag cgggggtgct ggagcgcgtg   960
cagacacagc tcttccggag cagccttcac cttctctctg ggatcagtgt ccggctggcc  1020
gacgtggcat ttgctgaccg aatgctcata gaggttgacc cccacagggt cacgcaggac  1080
tcggacactg ccctggaaac atggatggac aagggctttt ggccacaggt gtgggtgtcc  1140
tgttggagga gggcttgttt ggagaaggga ggctggctgg gggagaaacc cggatcccgc  1200
tgcatctccg cgcctgtggg tgcatgtcgc gtgctcatct gttgcacaca gctcactcgt  1260
atgtcctgca ctggtacatg catctgtaat acagtttcta cgtctattta aggctaggag  1320
ccgaatgtgc cccattgtca gtgggtccac gtttctcccc ggctcctctg ggctaaggca  1380
gtgtggcccg aggcttaaaa agttactcgg tactgttttt aagaacactt ttatagagtt  1440
agtggaaggc aagttaagag ccaatcactg atccccaagt gtttcttgag catctggtct  1500
gggggggacca ctttgatcgg acccacccacctt ggaaagctca ggggtgggcc caggtgggat  1560
gctcaccctg tcactgaggg ttttggttgg catcgttgtt tttgaatgta gcacaagcga  1620
tgagcaaact ctataagagt gttttaaaaa ttaacttccc aggaagtgag ttaaaaacaa  1680
                                                                    1717
taaaagccct ttcttgagtt aaaaagaaaa aaaaaaa
```

<210> 9359
<211> 925
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (489)...(916)
<223> similar to gi2384940 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
<400> 9359
ttcttccgcg gatgcgcagc tagcgatttc gacaggcgag attgaaaatt ccgggcgagt    60
atatgaggtt gagtaagtcc cgcttcaggg aggaacgacc agaatgacat ttctttaagc   120
```

```
ctaaatcaaa cttttatttt cgtttataaa aagcagaagg ccagcaggaa agggtcgcgg    180
aggactggca catccacaac cgtaggactc ttggatccaa gtttttaggc tgagactggg    240
cggtccgggg ttctccttcg gcgctcacac cccgcaaact cgtgggcagt gcagtgctgg    300
aggccggggg cagtggcgga cccgcagggt aaccttgtct cgcgcacctc ccgagccccc    360
agcagcccac tctcgtccga atgctttgtt tatttggtga caccagggaa cgtggagaag    420
aagatcgaag ttcagttttt ctttttttctt tattttaaat attttttctta actaaatggt    480
atgtttatgt gaacccatca tctcttggaa ttaagtgtcc tcagcgaact ccagattcct    540
aggggaaacc tacgtgccca gagcaggaaa cgcacaagtc aattcaggtt ccggtgccat    600
ccgcagtaaa ttcccttcct tttgctccaa attcctcctc tgcgtccagg agagggaccc    660
ccgggactcc cgcacaccca ggaccgggag cggcagagca gagggcgggt gcgagggcgc    720
gagggaaggg aggcggcctg cggacctggg gcgcgcagtt tcccggctcc gtgggaacct    780
ccaaccccgg ggcgcgcggc ctaggctccg ccctgccagg cctggggccg agcggtccac    840
ctagtgggtc ctgacctggg gaagccgagt ccgcgcgcgg gtcgggccgc gacgagggaa    900
                                                                     925
gctcgcctgg gcaagtgccg cgcgg
```

```
        <400> 9360
ctgaatttga tttacacttt gaaaaaatat attaatgggt tgcctgcagc actgctgaaa     60
agaatgcatt tatttcatgc atttggaaat tgaatcagcg atatctccgg aagaaaattg    120
attttgtcaa tgttagctca cagcttttgg aagaatctgt tccaagtgga gaaaatcaga    180
gtgtgacagg aggtgatgaa gaagtagtag atgaatacca agagttaaat gcaagagaag    240
aacaggatat cgaaataatg atggaaggct gtgaatatgc aatctcgaat gcggaagcct    300
ttgcagaaaa attgtccaga gagctgcagg tgctagatgg ggctaacatc cagtcaatca    360
tggcatctga aaaacaagtc aacatcctga tgaaattgct agatgaggct ctaaaggagg    420
tagatcagat tgaattgaaa ctgagcagtt atgaggaaat gctccaaagt gtaaaagaac    480
aaatggatca gatctctgaa agcaaccacc taattcatct tagtaacact aataatgtaa    540
aactcctatc tgagatagag ttccttgtga accacatgga cttggccaaa ggtcatataa    600
aggcccttca ggaaggagat cttgcttctt ccagaggcat tgaggcctgc accaatgctg    660
ctgatgccct tctgcagtgc atgaatgtag ctcttcgacc aggccatgac ttgcttctgg    720
cagtcaaaca gcaacagcag cgattcagtg atttgcgaga gctttttgcc cggagactgg    780
ccagtcacct caacaatgtt tttgttcaac agagacctca tgattctatc tacttttgcc    840
tttagcaaca tgatgagact gattatgtac ataacttaga gaaaatgaaa ataaactgaa    900
atgcactgaa ctaaaagtac aaccaggaaa aaactgaagt tgtggaactt tttaccatat    960
gcttaagttt agaaattttt ctctcaacat acatatacag aaacaagcta taataaaata   1020
aaacctgtat tgcagacca                                                 1039
```

<210> 9361
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (216)...(418)
<223> similar to gi552415 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9361
gcaggcacgt ggattaacaa aataagatgg aaccttaaat gttcattgcc acaagtgatt   60
taaggaccct gacctgaggc cccaggggga tgctgagcag tgggctctcc cgcggctgct   120
gcctgccagc tgagctgttg caggcatttc tgtgacccgt agagcctgac tgtgagttac   180
tccacatcat ccatatgtca ggctttaaca cgtctccctc tcacgcacat actcacatac   240
acaccgacag gcacacacac gcattcacgc attcacactg acgtgcacat gcacacacgt   300
gcacaaacac acacgcgtgt gcactgacac ctatgtgcat acatacagcc cacggagaac   360
actttgactg ctgagacata ccgtgataaa gatgggctca tcaaacagct ccccaggaaa   420
gtcctcgtgc cgaattctgg caccg   445

<210> 9362
<211> 674
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (90)...(677)
<223> similar to gi4884158 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9362
tttcgttggt gggttctggg gtctacggcc taggggccgg ggaagtttgc gccgccgcga   60
ccagtgctgc gatcccgagc cgggctccag ccccgaggac caggggtcgg gcgggcctgc   120
ctacggaacc ccgcgggcca gcagcagtcg tctcgcgtcc tcctgcttgg aaaagtgttt   180
aagcttctaa aatgtcatct atcaagcacc tggtttatgc agttattcgt ttcttacggg   240
aacaaagtca gatggacact tacacctcgg atgaacaaga aagtttggaa gttgcaattc   300
agtgcttgga gacagttttt aagatcagcc cagaagatac acacctagca gtttcacagc   360
ctttgacaga aatgtttacc agttccttct gtaagaatga cgttctgccc ctttcaaact   420
cagtgcctga agatgtggga aaagctgacc aattaaaaga tgaaggcaat aaccacatga   480
aagaagaaaa ttatgctgct gcagtggatt gttacacaca ggcaatagaa ttggatccca   540
ataatgcagt ttactattgc aacagggctg ctgctcagag caaattacgt cactacacag   600
atgcgataaa ggattgtgaa aaagcaatag caattgactc acagtacagc aaggcctatg   660
ggagaatggg gctg   674

<210> 9363
<211> 1423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1226)...(1422)
<223> similar to gi299471 in the genepept database release 114,
  Run with FASTXY 3.3t00, default parameters

```
<400> 9363
tgctgttcaa caaaaaacat atcaggggac aaagcatgta acttgatgat cttcgacact      60
cgaaaaacag ctagacaacc caactgctac ctatttttct gtcccaacga ggaagcctgt     120
ccattgaaac cagcaaaagg acttatgagt tacaggataa ttacagattt tccatctttg     180
accagaaatt tgccaagcca agagttaccc caggaagatt ctctcttaca tggccaattt     240
tcacaagcag tcactcccct agcccatcat cacacagatt attcaaagcc caccgatatc     300
tcatggagag acacactttc tcagaagttt ggatcctcag atcacttgga gaaactattt     360
aagatggatg aagcaagtgc ccagctcctt gcttataagg aaaaaggcca ttctcagagt     420
tcacaatttt cctctgatca agaaatagct catctgctgc ctgaaaatgt gagtgcgctc     480
ccagctacgg tggcagttgc ttctccacat accacctcgg ctactccaaa gcccgccacc     540
cttcttaccc accaatgctt cagtgacacc ttctgggact tcccagccac agctggccca     600
ccacagctcc acctgtaacc actgtcactt ctcagcctcc cacgaccctc atttctacag     660
tttttacacg ggctgcggct acactccaag caatggctac aacagcagtt ctgactacca     720
cctttcaggc acctacggac tcaaaaggca gcttagaaac cataccgttt acagaaatct     780
ccaacctaac tttgaacaca gggaatgtgt ataaccctac tgcactttct atgtcaaatg     840
tggagtcttc cactatgaat aaaaactgctt cctgggaagg tagggaggcc agtccaggca     900
gttcctccca gggcagtgtt ccagaaaatc agtacggcct tccatttgaa aaatggcttc     960
ttatcgggtc cctgctcttt ggtgtcctgt tcctggtgat aggcctcgtc ctcctgggta    1020
gaatcctctc ggaatcactc cgcaggaaac gttactcaag actggattat ttgatcaatg    1080
ggatctatgt ggacatctaa ggatggaact cggtgtctct taattcattt agtaaccaga    1140
agcccaaatg caatgagttt ctgctgactt gctagtctta ggaggttgta ttttgaagac    1200
aggaaaatgc ccccttctgc tttccttttt ttttttgaa acagagtctt gttttgttgc    1260
ccaggctgga gggcagaacc acaatttggg ttttaaccga accctccgtt tcttgggtta    1320
aagcaattct cctgcctcac cctcctaaga atctggaatt acgggcatgg gccaccaccc    1380
cgggggggatt tttggatttt tagtaaagac ggggtttcac cat                    1423
```

<210> 9364
<211> 1098
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (329)...(989)
<223> similar to gi3880932 in the genepept database release 114,
  Run with FASTXY 3.3t00, default parameters

```
        <400> 9364
gaagcggctg gcgggcagca gaggaggatg gcgaggggct gatactgaac ccgggaaggg      60
tgggctgtgc tgaagccaga gccggagccg gagctggggc cagaacccga gcagtgagtt     120
cctccactga cgagttccgg ctggcggcgc tcgccgcctt gggcaggacc cacctcgcct     180
tcctcccggc gtggcagatg ctccagctgc catgtccacg cagagacttc ggaatgaaga     240
ctaccacgac tacagctcca cggacgtgag ccctgaggag agcccgtcgg aaggcctcaa     300
caacctctcc tccccgggct cctaccagcg ctttggtcaa agcaatagca caacatggtt     360
ccagaccttg atccacctgt taaaaggcaa cattggcaca ggactcctgg gactccctct     420
ggcggtgaaa aatgcaggca tcgtgatggg tcccatcagc ctgctgatca taggcatcgt     480
ggccgtgcac tgcatgggta tcctggtgaa atgtgctcac cacttctgcc gcaggctgaa     540
taaatccttt gtggattatg gtgatactgt gatgtatgga ctagaatcca gcccctgctc     600
ctggctccgg aaccacgcac actggggaag acgtgttgtg gacttcttcc tgattgtcac     660
ccagctggga ttctgctgtg tctattttgt gtttctggct gacaacttta aacaggtgat     720
agaagcggcc aatgggacca ccaataactg ccacaacaat gagacggtga ttctgacgcc     780
taccatggac tcgcgactct acatgctctc cttcctgccc ttcctggtgc tgctggtttt     840
catcaggaac ctccgagccc tgtccatctt ctccctgttg gccaacatca ccatgctggt     900
cagcttggtc atgatctacc agttcattgt tcagatcctg tgaatggatt tacagcccat     960
gtagcagacc aaggtcttcc acagagagca ggttcctctc tgtcttcagc atgtggagtc    1020
tcaaatggaa cagttctggg cagagtgctt tgcacagagg gtgctcccaa taaatgtttt    1080
atcactgcaa aaaaaaaa                                                  1098
```

```
        <400> 9365
ggaacgtctc cggatgccag gagtctcaaa gggccgactc tgatgaggaa accccagggg      60
gagtccgggg atagcagcac ggcatcccag cttcaggcct gccatgacgg tgtgggttgg     120
ggggttgggc atgttccagg atctgtctat cgacttctct caggaggaat gggagggcct     180
ggacactgct cagaaggact tatagagaga tgtaatgatg gagaactata gcagcctggt     240
ctcactaggt ctctctaccc caaagcctga tgtgatttcc ttactggagc aagggaaaga     300
gtcctgcatg gtttcaaggg acgtaccagg aggatggtgc ccagatttgt atcaggcact     360
ggagaacctc ccacctggtc catgcccggc tcccggtgag caccgagacc caaccttgtg     420
cacagccagt cttgtcatca acaaacaggg tagtaaatta taaaaaataa aataaaggaa     480
atgtagctgg gcgtgg                                                    496
```

<210> 9366
<211> 621
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (199)...(622)
<223> similar to gi4468141 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9366
cggggaggta ccaggtattt gagagcaatc gccaccgctt tcctggaact tgaggctgga   60
gtgcagcggt gtgatctcgg tttactgcaa cctccacctc ctgagttcca gcgattctcc   120
tgcctcagcc tcctgagtag ctgggattac agtaaataca atcaaggggc atcttaaatt   180
tttgctggaa gtggagtcat gagactaaag atatctcttt taaaagaacc aaagcatcaa   240
gaattagtaa gctgtgtggg ctggactact gctgaagagc tgtattcatg tagtgatgat   300
caccacatag tgaagtggaa cttgttaacc agtgaaacaa ctcaaatagt aaagcttcct   360
gatgatattt accctattga ttttcactgg tttccaaaaa gtttgggtgt aaagaaacaa   420
acccatgcag aaagctttgt cctcacaagt tctgatggta aatttcatct gatttccaag   480
ttaggaagag tggaaaaaag tgtagaagct cactgtggag cagtacttgc aggaagatgg   540
aattatgaag gaacagcatt agttacagtt ggagaagatg gacaaatata aatttggtca   600
aagactggga tgcttatatc t   621

<210> 9367
<211> 697
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (478)...(698)
<223> similar to gi1698455 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9367
agatgatgta agaaccgagg gagcctctcc aaccttcatc tctcatcccc atggctggga   60
gggtgacaga cccgagcatc agagaaaccc tggcccactc agctctgcca tcttccaccc   120
tgccacctcg ctgtcaccct ggctgaccct tggactctcc ttgcttttca aatgccctgg   180
ccacatcaag agccaaggat cctccccaca gtcctgacag agaatccaaa agtatcagag   240
ctggaaccta accatccctc aacactccca ttacagagaa gaaggaaact tacagaggcc   300
acaggtgag ctagaggcag agtggaggcc catgtgtgtg ccatttatac ctcctaagtc   360
ccgatcctaa aaagcattag attttaagca aagggagatt ttccctcagt gaagacacag   420
gcccaggatc tgaggggcga ttgctgccta ggataatctt aagaagataa aggaagggcc   480
caaactggat tgcattcctc taaaatctgc agccccaaat ctgaagaggg ccagtgacta   540
acagcacaaa caacagcaaa cacctcacag ggctcaactt acacaattgt gaccgaacaa   600

```
ttaaagttga gaaaatgttt cattcaatgg gtgccaaaac tgttgccccc agatcagctg    660
caaacaagag cagagctttc cgtggaaatt gtaaacc                             697




    <210> 9368
    <211> 366
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> misc_feature
    <222> (212)...(368)
    <223> similar to gi300478 in the genepept database release 114,
        Run with FASTXY 3.3t00, default parameters




        <400> 9368
ctttgctttc acttggactg accctgacac ccatcaggct cagcaaatta cctgggctct    60
actgccgcaa ggcttcgcgg acagccccca ttacttcagt caagctcaaa tttcttcctc   120
atctattacc tatctcggca taattcttca tgaaaacacc cgtgctctcc ctgctgacca   180
tgtctgacta atctcccaaa ccccaatctc ttctacaaaa caacaactcc tttccttcct   240
aggcatggtt aggtacttct gcctttggat acctagtttt accatcctga ctaaaccatt   300
atattaattc acaaaagcaa acctagctga ccccacagat cctaaatcct ttccccactc   360
ctcttt                                                              366




    <210> 9369
    <211> 1258
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> misc_feature
    <222> (984)...(1225)
    <223> similar to gi288145 in the genepept database release 114,
        Run with FASTXY 3.3t00, default parameters




        <400> 9369
cccgggtcga cgatttcgtg cggcgggcta tccggtcctc ggctgcggcg ggcaccatgg    60
tcggtggcga ggcggctgcc gcagtggagg agctggtttc gggggtgcgg caggcggccg   120
acttcgcgga gcagttccgc tcctactcag agagcgagaa gcaatggaag gcccgcatgg   180
aattcatcct gcgccacctg cccgactacc gcgacccgcc cgacggcagt ggccgcctgg   240
accagctgct ctccctctcc atggtctggg ccaaccatct cttcctaggc tgcagttaca   300
ataaagacct tttagacaag gtgatggaaa tggccgatgg gattgaagtg gaagacctgc   360
cacaatttac taccagaagt gaattaatga aaaagcatca aagctaagcc agaagattta   420
tcacattttc atcatcagct acaggattag aaaggaggct gggatgaatg tgacatagac   480




                                7717
```

```
cacagcagct ctcttaagac tcctggtatt accaacataa agaggcaggt ggaatgagaa      540
ggactctgtc tagattggct tttttaacat tctcattttc ccaggagtta tcactgtaaa      600
agtatgcatg gatatttatg tatttataaa tcatgcactc taagatgagt tcatcaacat      660
tgtaaaagcc ctcttttctg ttttcaggtt ttttttttc ttatcgacaa ggtctcactc       720
tgtcgcccag gcagaagcac aaaggtgcag tattggctca ttgcagcctc gaactcctgg      780
gctcatattt tcagggtttt ttgttttttg ttttgttttt ttgagacaga gtcttgctct      840
gttgcccagg cagtagtgca gtggcgcgat atattttcag tttttaaacg tcagaatttt      900
tgtttaaaat gccttttttgg gctgggcaca gtggcttatg cccataataa tcccagcact     960
ttgggaggcc gaggtgagca gatcacctga ggttaggagt ttgagaccag cctggccaac    1020
acgatgaaac cccgtctcta ctaaaaatac aaacaaaatt agctgggcat ggtggcggac    1080
atctgtaatc ccagctactc aggaggctga agcagaagaa ctgcttgaac ctgggaggtg    1140
gaggttgcag tgagccaaga tcgcaccatt gcactccatc ctgggcgaca aaaatgaaac    1200
accgtctcaa aaaaaataaa aataataaaa taaaatgcct ttttgttgtt gctcgtgc      1258
```

```
<400> 9370
tttcgtgcgg ggggctgttc gggtggaggc gggggagccg ccgggacacc aaaataggag       60
ctgcttgtgg ggtggagcgg cactagctgg cggcttccga gcgcctcttc caaagatggt      120
cagagggggcc ggaggcgtcc ccgctcccgc tcgctactag cccgcgggcc agcgccgcgt      180
cccgagcccc ggcgggagcc atggctctaa aaggacaaga agattatatt tatcttttca      240
aggattcaac acatccagtg gattttctgg atgcattcag aacattttac ttggatggat      300
tatttactga tattactctt cagtgtcctt caggcataat tttccattgt caccgagccg      360
ttttagctgc ttgcagcaat tatttttaagg caatgttcac agctgacatg aaagaaaaat     420
ttaaagatag aatataactc tctggcgtcc accatgatat tttggaaggc cttgtaaatt      480
atgcatacac ttcccaaatt gaaaag                                           506
```

<400> 9371

```
tttcgtatgg aagggaactc ttcagaccag gagcagtccc cagaggatga ggatgaaggc    60
ccagctgagg aggttccaac ccagatgcca gagcagaacc ccacacatgc actgccagag   120
tcccctcgcc tgaccctgca gcccaagcca gtcgtgggcc acttctcagc acgggaactg   180
gatgggacc gttctaagca gttggcccta aaggtgctgt gcgttgccca gcggcagtac    240
tccctgctcc aagcagccaa cctcctgacg cccgacatga tcacagagtt tgagaccccta  300
cagcagctgg tgcaagagga aaaaattgag cctggggcag aggccttgag gacttcaggc   360
ctggccaggg gggcacctct ggctcaggag ctgtgttcag agtcaatccc tgtgccgtct   420
cctctctgcc cagagcctcc aggatacact ggccctgtga cccggactat ggcgaggcga   480
ctgagtggcc ccctgcacac cctgggaatc ccgcctggac ccaactgcac cccagcccag   540
gggtcccgat ggcccatgga gaagaagag aggagaccaa gcgccttgga ggcagacagt   600
cccatggccc caaagcgggg caccaagcgc cagcgccagt ccttcctgcc ctgcctaagg   660
agagggtctc tgcctgacac ccaaccttca caggggccca gcacccccaa aggagaaagg   720
gcctcctccc cctgccattc ccc                                          743
```

<210> 9372
<211> 1010
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1011)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (94)...(429)
<223> similar to gi1086678 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9372

```
ttaccagcct gtcgctgcgg ctgcgtggcg ggttgtccaa gtaaccacgg tatttgtcgc    60
tgtctaagag catctgaaag acaggtgtgc gtcatgcact tgaagcacct gaggaccctg   120
ctgagccctc aggatggagc tgcttaggtg acctgcatgg cttggtccca gaacaatgcc   180
aaatttgctg tctgcacagt ggaccgagtg gtcttgctgt atgatgaaca tggagaacgg   240
agagataaat tctccaccaa accagctgac atgaagtatg gcaggaagag ctatatggtg   300
aagggcatgg cttttttctcc tgattccact aaaaattgcca taggacagac tgacaacatc   360
atctatgtct acaagattgg agaagattgg ggtgacaaga aagtcatctg caacaagttc   420
atccagacgg taaagttcag accagtccct ggaaccttag gatgaacaaa catatatcag   480
tatatctact tataaataca gccaggagtt gcatttctaa catctgaatg tgacttttcc   540
tactgcaagg atggtgcttc atggctgttc atggtcatct gctgtcttcc ttagagccct   600
gctgtgtcct tccctatagg agattgagag tgctgtcact tgtctgcaat ggccggcaga   660
atacatcatt gtctttggac tggctgaagg gaaggttcgt ttagcaaaca ccaaaactaa   720
taaatcatct accatctatg ggacagagtc ttacgtggtg tccctgacaa caaagtgagt   780
aaagaggagt agtatcacta gagtctggaa gtgttaggaa aatgctgtgg ggaagtctgg   840
```

```
actgcaagac catagtatga aaggcaggag aactggtagc aggaagcaca gacaaggttg      900
tgtttgacag agaaaggggc tttcttggtg agataaaata gtctcttcct gtatttctct      960
cctttctcct tttttagttg nctctgggga aagggattct ctctggtcat               1010
```

<210> 9373
<211> 485
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(486)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (481)...(322)
<223> similar to gi1049301 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
<400> 9373
ttttcagact gatagtggtg ccatgaagtt tactaggaag tgattgtgaa taagtaaaag       60
atctaacatt cgcgtcatag aggaggtgtt gggacaccac agaatcttgt ttgaatttat      120
gaattgagtc cagttcccca gtactttcag tgtctccaat cctcctgcac acctgtgtgg      180
tttgtcttag gactcagtgg tctttgagga tgtggctgtg gacttcaccc tggaggagtg      240
ggctttgctg gattctgctc agagggacct ctacagagat gtgatgctgg agaccttccg      300
gaacctggcc tcagtaggtg aggatggcat cattccttcc cttggttttt aatgaactca      360
tttctttctc atcagttcct gcacaagaaa gtttctgctg gagaaaaacc atatgaatgc      420
accaagtgca ggacagtctt cacgcatctt tcgaattccn ccgcnctggg tagatcgacg      480
tcaat                                                                  485
```

<210> 9374
<211> 1078
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (591)...(1048)
<223> similar to gi1213539 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9374

```
tttcgtccgg gaggagccgc cggggcagaa gccgcacttg ttagtgttgg gggaggtggg        60
ggcgggggac gccgacaccg tcaccgtcac ccagggacgc cgaggagaag gcgggagggg       120
ggtgggggcg agatcaggct ccgacccccc gccgaggggga tgaggggagc atgggtgcca       180
aggagtcacg gatcggattc ctcagctacg aggaggcgct gaggagagtt acagatgtag       240
agctaaaacg actgaaggat gctttcaaga ggacctgtgg actctcatat tacatgggcc       300
agcactgctt catccgggaa gtgcttgggg atggagtgcc tccaaaggtt gctgaggtga       360
tttactgttc ttttggtgga acatccaaag ggctgcactt caataattta atagttggac       420
ttgtcctcct tacaagaggc aaagatgaag agaaagcaaa atacattttt agtctttttt       480
caagtgaatc tgggaactat gttatacggg aagaaatgga aagaatgctc cacgtggtgg       540
atggtaaagt cccagataca ctcaggaagt gtttctcaga gggtgaaaag gtaaactatg       600
aaaagtttag aaattggctt tttctaaaca aagatgcttt tactttctct cgatggcttc       660
tatctggagg tgtgtatgtt accctcactg atgatagtga tactcctact ttctaccaaa       720
ctctggctgg agtcacacat ttggaggaat cagacatcat tgatcttgag aaacgctatt       780
ggttattgaa ggctcaatcc cggactggac gatttgattt agagacattt ggcccattgg       840
tttcaccacc tattcgtcca tctctaagtg aaggtttgtt taatgctttt gatgaaaatc       900
gtgacaatca catagatttt aaggagatat cctgtgggtt atcagcctgt tgcaggggac       960
ccctggctga aagacaaaaa ttttgcttca aggtatttga tgttgaccgt ggatgagttc      1020
tctccagggt tgaactgaga gacaatatgg gtgcacttttt agaagtctgg aaggacaa       1078
```

```
<210> 9375
<211> 837
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (248)...(653)
<223> similar to gi4240293 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
    <400> 9375
ttttcgtatgc cgcctgccca gagccgtccg caggcgtgac agggctgtcg gacaggtaga        60
gggagactcc ggcgggtccg ccgagcctgt ctgtttttgt tggagaaggc gagagggccg       120
cgcaaaagcc aacaccatag catttgcgcc agggagaaac ctcgagccag gactccccgg       180
gaggcagtga cttttgctcc gggaggcgcc agtatccccg gtggcgctac attttcaggc       240
cacatggttg gatgactgcc tgcaacaata tgtccacaag tttgaacgag agaagatcaa       300
cggcgagcag ctgctgcaga tttcccatca ggacctggag gagctggggg tcacacggat       360
tggacaccag gagcttgtgt tggaggctgt ggaccttctc tgtgcactga attatggcct       420
cgaaactgat aacatgaaga acttggttct gaaactgaga gcatcttccc acaatttaca       480
gaattacata agtagccgac ggaaaagtcc cgcttacgat ggcaacacct cccgcaaggc       540
ccccaatgag ttcctgacct cggtggtgga gctcatcggc gccgccaagg ccctgctggc       600
gtggctggac cggtaagttg gagatgtgcc ttttactgcc ctgcaagagt agatagagtc       660
caagctgcat ggaagctgta ctttgtctta agaaaaggaa ccattgttct tttcatatca       720
tttttaccgg ctcttaagga gtcctcgatc agtggtagat tgtaggattc ctcttgccag       780
taacttaaaa ggttaatagc aggaacaaat taacctcagc ttatagaaga gtgaaag        837
```

7721

<210> 9376
<211> 888
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(494)
<223> similar to gi3879895 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9376
cttgaggacc gtgccggacc tcccgggacg acgatttcgt gcgatgcgga cagggcagcg   60
gcggtgaccc gagctgccgc ccgacatgaa ctcgctggag caggcggaag atctcaaggc   120
ttttgagagg agacttactg aatatattca ttgtttgcaa cctgctactg gacgctggag   180
aatgcttctt atagtggtat ctgtctgtac agctactggt gcctggaact ggttaataga   240
ccctgagaca caaaaggtgt ccttcttcac atcattatgg aatcacccat ttttcaccat   300
tagctgtatc actctaatag gcttgttctt tgctggaata cacaagagag tagttgcacc   360
atcaattata gctgctcgat gtcgaacggt attagcagaa tacaatatgt cttgtgatga   420
tacaggaaaa ctaattttga aacctaggcc tcatgttcaa tgacaatctt cactcattgt   480
tatgggactt aaaatagcct ttcttcgaat aagtgataca gcaaaaagcc ataaaggatt   540
ccttttgcgg ttggatatgt aaaggtcata gcagcaactg acaagaagtg tgcaatattt   600
acctggatta tcttgatgat ggtgactcat tatcagtgct ttggtacttt tgattacctg   660
tgtttcagta ttagtgtcac tttagtactt cagatcctgc aaatattttt gcagatgaag   720
tatgtatgta tgttactaag ttaaacttag aaacagaacc tcattcagtt tttataatgt   780
atttttgcaa actactgtaa atagcaaatc aatgccaatg ttaaacaaag aggaaaacgt   840
tgtgtggact ttgttctctt gcaccggtat ttcaggaaca tctgcttg   888

<210> 9377
<211> 669
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(127)
<223> similar to gi3337443 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9377
gggtcgacga tttcgtgtaa gatggcggcg ctgagggctt tgtgcggctt ccggggcgtc   60
tcggcccagg tgctgcggcc tggggctgga gtccgattgc cgattcagcc cagcaggtga   120
gatcgagggc agctctcgac gcactttctc caaggctagg gtttctcagg ttggggacgc   180
tttactcccc cagaaaataa taacccaagc ctgtgacccc attgtccatc cctgatttct   240
tgggctacgg gatgcagtgg cgcccactct ggcgagggag gggagagggt ctagagttcg   300
ttcgtgccga ggtgaaatca gcggagtggg agactctgct ttttagcttc agtaatttga   360
atgcacctct cctgtcatac ctgagtagag ctcagccaaa gagccagaat gctcgctgtc   420

7722

```
tctctgtcgt tgaccttgaa caaacacttt tctcacgttc atattcacct ggttgataat      480
atcaatatga tgaaaatatg aagaagctag gatcccaacc ttgcatgccc aggggtgatg      540
ggtggagtta ttccaggaat tacaaacactt ccatggaagt gcttgtaatt ccagcacttt      600
gggaggctga ggtgggcaac aagagtgaaa cccagtctca aaaaaaacaa aaaacaaaac      660
aaaaaaaaa                                                              669
```

```
            <210> 9378
            <211> 1289
            <212> DNA
            <213> Homo sapiens

            <220>
            <221> misc_feature
            <222> (1)...(1290)
            <223> n = a,t,c or g

            <220>
            <221> misc_feature
            <222> (891)...(1292)
            <223> similar to gi4468311 in the genepept database release 114,
                  Run with FASTXY 3.3t00, default parameters
```

```
            <400> 9378
cgccaccggt atgcaccatt accatccccg cggctcagtc gagcattcgt ccacgggccg       60
gagggcgggg cgcccgggtc cggagggagc cacgcccac cacaacaaac gcgtctgcgc       120
atgcccgggc gctgggttca ggggctttcc gccgctctgg gttcacagct ggacgtcggg      180
agtgctagtt tggagtacgc catttgagag taggcgtgag aagttgctct gtgtgctgag      240
cgttctaaag gaaggcgtcc gttggccttc gtacccgtct tgagtgaggt gacgagtgtt      300
ttctagtact ggggtcggcc gcgcagccct ctcaggggtg ggtggcagga agagtgccgg      360
gtcccgcgtg gtgcaaaagg tgggttcagg tttgcggcca cacagcgcta ctcaggactt      420
tttagtcttg tttattttct ccgtgcctgt tcccgccccc cgcagctcca cctctgggag      480
aggggcgggt tcagctccag gaggcgggga cttcccggct tggcgtggct ggggtgtccc      540
gtggacccca gtctcggcgc ggtgacccac ttatgggact tggcctttct ttgttgtttg      600
tttaaggcag ggtttctcag cctgggcact actgaggttt tgggccggct aattctgtct      660
gggttgggga gggtgctgtc ccgtgcttcg caggttgtgt agctgcatcc cccgcctcta      720
cccagtggat gcaagtagca gccccagtga accaaaaatg cccccagact ttgccaaata      780
tcccctcccg gggaagatcg cctcgcttga gaaccactgt tggaggagag cctgggtttt      840
cgggaggtaa ccgtttacaa aggggagaac ggtaagaagc cggaagcaac gatgacttag      900
ctacgtgaaa gacttgcggc cgggctcgcc cctcttctag aagccgtcag tttgggtctc      960
gcgtctggaa tcaccgtcaa ggagtcagat ccagccccgg agagggagca gggtcgaggt     1020
ctccttgcag aaggcgccac cgcaggaagc acaggcgcaa cgtgcagtct ccctagcgga     1080
ggcgctcgcg atcctgcagc cgccggtccg ggaggtgctc ggtagccctc cttggtgcct     1140
gtccggtagc tggtcactct cggggggaagg tcgtgtgcag aagggcacat gcgatcacac     1200
agagacggcg ttgctgcggc tttgacccga tggtgcaccc gaaagaacac agagggtgaa     1260
gggagagatc caggaagtgg tcgcggagc                                       1289
```

7723

<210> 9379
<211> 2483
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2333)...(36)
<223> similar to gi2829912 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

```
<400> 9379
ttgcgggcag agagctgctt gaggccacca acgctgcaag gaaagtgcag ctttctgggc      60
ccggcgccgc tgcttcagga tctgctgctt ggtcttgagt tccaggcggg actcggcctg     120
caaggggtgc cttggggcgt ggggcccggg aatgcaacct gcttgggcca acggtctcgc     180
ttccccaacc tcttcggttc tgggcctccg ccgggtcaag atgccccttc ttcgtccgag     240
tcacgatcaa tcaattttct gtttctgttt ccacttctga tagaggtctc gcttgtagga     300
gctgctgatg tagcggccgc tctctgtctt aatcttcttc ttgtcttcct gtcctgactg     360
tcccacaaac cgcttcttct tacggtccca cttgagctgc tgccggcccc tcgtcaggtt     420
ctgggcttca tcccccatca agtccaggac agcgccagct gcctgctgct caaaggctcc     480
cccttccccg ctgatgctca ggccccgctc gctgtcaaag tccttgggcc ggtaggggat     540
gtagaattcc tggtcccgct gccgggcctc ctccctccgc ctcttggctc ccctgttggg     600
tcctgaccgc tgccgcttcc ggcccacgac ctctgagaaa atgtcctcca cactctctcc     660
cgcctcctcc tcctcctcct tctcaggctg cttctcctgc agtgctgggc ggctcggggc     720
tgggcccact gggccctcct gctgctcctg ccgccctgc tgtccctgct ggaagcgggc     780
gatggccttg cggtccttct gccgcttggc gcgcatcacc tggctgcaca ggtctcggct     840
ggaggcgttg atctcaaaga tagtcgcccg ggagcggtag ttctttatgc tgtccaccag     900
cctcagccgc tgcagctcct cctcctcaaa acgcgagctg aagagggggt gcaggcccag     960
ccccacaagg tccatctcct tggccctctt gatggactca ggcgagggcg ccgggcgtga    1020
gcgcacatac tgctgctggg cgttatcagc aacgcgggcc aggccccgta gctccagcga    1080
tgcctccagg gtgctctgca gaccactgtc ctcctcgtcc accacactct gtggcacccg    1140
acccagcatg ccatccacac cggccacacc tgagggctcc ttgaggggtc gggcgagggt    1200
gagggagcgg cccaggaaca ggtgcagatc cagcaggtag gggatttcat caggggccac    1260
caaggagtag gctgtgccac ttcggccagc ccgagccaca cggcccacgc ggtgcaggaa    1320
gagtttgccc ttggcgggga agctgtagtt gatgacattg tccagcagcg ggatgtccag    1380
gcctcgggcg gccaggtcag tcacaatgag agtggagcac ttgccaagcg tgaatttggc    1440
gagattgatc ttgcgggctg tcgggtctag ggcactgtag atgtgggcgc agctcacccg    1500
ctgggtcgtc agcagctcag tgaggtactc ggcgtggtgc ttcgtggcca caaacaccac    1560
ggtctggtcc tggggccgca ccacgttgtg cagcaggtgg agcagcacgg cagccttggt    1620
gtcctcccgc acgaggaaga aggaggtctt cagctgctcg ttgagcttgg tatccacgtc    1680
aagccggatg agcacgggct ccgtgaggcc agcccgggca aattccacca gcagtttggg    1740
cagcgtggcg gagaacagca ccgtctggtg gcccccgggg aggcgggcga tgatctcctg    1800
cagctgctct gcgaaaccca tttcaaaaag ccggtcagct tcatcgaaca ccacgtattc    1860
cacactctgc agcttcaggc tcatttccac agccacatgc accaaccgtc cgggcgtggc    1920
aataattatg tcgggatttt cgtgcagggc tgcaaactgg tcttccatcc tgtctccacc    1980
caggatcagg gcagtcttga ggccagtgaa cttgcctagc tccttagtga acttcagggt    2040
ctgcagggcc agctctcggg tcggcgagag gatgagggcg cgggccccgg tctgggcact    2100
gtgggtcttg agccgctcga acattgggag gaggaagcag gctgtcttgc cactgcccgt    2160
ccgggccatg gccaccacgt ccttgccatc caagatcacc gggatggtct tcctctggat    2220
gggtgttggc accttgtacc ccttcttcat gatgcctttg aacaccgggt agctcaggcc    2280
catggactgg aagcctccag acttcttctt cttcttgttc tgggcacgca ccatctcccg    2340
ggtgtccggc tccacatccg aggtgcattc cgaggtgggg aaggtgggca ggggtcttcc    2400
aggtcccagc ttccgggccc gggcgtcatc ctccgcctgg atctcaaact cgccgtcctc    2460
cgagtcgctg ccgcgggcct ggg                                           2483
```

```
<210> 9380
<211> 930
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(931)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (167)...(371)
<223> similar to gi1469545 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters




<400> 9380
ctgtcggagc ccccatcatc ccttccagcg tggaccattn tgagacggag gtttggagtt      60
acaggtgtgt gagcgccaga gggtgagagg ggtcactcgc tcggaatgta agagctcccg     120
cctgctggga atggggagga gtcgtcgatg gccccaggat ccgtgcccag acatttccag     180
aggcgcaccg gctggttcag caccccaccg tcatccgcgc aaaagctgca tccctcgagg     240
tcctggagcg aagccatttc cttaaagcgc gcgcagagcc aggatagagt ttcctacgaa     300
ggaccgtccc cctgaggttc ctccattaac agcgccccg gccttgccca ccgcagcggc      360
cccaccaaag cgccaacaca tttcaaaatg gagcgaaatc gcagaagcgc ggagtgcgct     420
ttgttcccag cattgggcta aatgcgctca tccccaccgg gctccctttc ctccaaaggc     480
aggaggtgac atctctgctc gcgagatggc aatacgtagc cgtggccgcg ggctcccctt     540
ttccggggcc accccgagac cctcgctcca tctggaaggg gaaccccgcg cccagctctg     600
tctgggggcg agggaggaga gacgatgctt gaatcgatcc ctgagccgct ctgcaacccc     660
tcgcggcggg cccagccatg cgaggagcct cgcagtaccc aggctccagc cctctacgcc     720
accgtcaagg agggtcggcc tggtcccggg cgggcagcca agccattccc cagaaattca     780
gatcaacctg ggcgacccgc gtggaggatt cagctcctag atcctctccc gtctcagaag     840
tgcgccccc gcaccaaata taagcgatag gattaaccag aaatccgtgc gtaccaggtt      900
catctccctc gtaccgagct ggacgtgtca                                      930




<210> 9381
<211> 1082
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (545)...(1054)
<223> similar to gi5420389 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters
```


7725

<400> 9381

```
gtgataggaa cagcgcaaga atccatggga ataggaagtg aggaaaagcc atgtacagtg    60
agggatgaag cggagatgtc accagtggta gatttgatag gaggagagaa gaagttggag   120
ctggagagca gaggaagtgc agaaaagctg ggaacagaga gggaaggagg tgaggaacca   180
ctgggcatag agagaaaagt tgagggacat ttgagggcag agaaggaagg agatgaggaa   240
aagcgagggg cagaggagga ggaggtagaa gaaccattgg gagtagagaa gaaaggaggt   300
gaggaagagc cagaggcaac caaagaacca ctggaggcag agacagagaa gacccaaggg   360
acactggagg cagagaaaag gggaggtgag gaatcattgg agacagagaa gacccaaggg   420
acggagggag atctgaatct agaacaaggg tctagggaag gaagtgaatc ccaggcagag   480
gagatgaatg aggcagggcc tccccttgag gctaacacgg agacaaggcc agagaaggaa   540
ggaccccagc cccaggagaa gccagtagga gccctggagg aggaaggagt gaagccccaa   600
accgctgctg agggccaagg ccccttgggg gatgccacac ctcttctggc agagacccca   660
gccccagagc agcccgccga atgccagcca ctgcttcagg gggaggggcc cagcgccaac   720
cccagtgccc accctgtgcc cacctacgcg cctgcccggc agcctgagcc atctgccccc   780
accgagggtg aagaggcaag tggccctaag caaaagacgt gccagtgttg tgcggtcatg   840
tgaacccatg cccctccacc ccatgtccag ctcctctcac agctacctcg gcctcttggc   900
acccagaaga gggtcccagg cacagacagg gaccacagga ctggccatgg cacctgggag   960
ccagctagcc tgcacgtcca cctaaacctg ggcttccaga ccccttgccc actggcctgt  1020
aaccctggcc tccttctgcg atgaagcctt tatacttgaa aataaaatgt gaaagcactc  1080
                                                                   1082
aa
```

<210> 9382
<211> 882
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (303)...(834)
<223> similar to gi4262551 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9382

```
ggggatgcc agcatttaca tcatagcggg atagacggtt tcaaatgtat tttagtaaag    60
aacttacagc ctcatgtcat agaggctctg gaagtgccaa gtatttggtg agaatgacaa   120
acctgcatag accaaaaagg tgatgagtgc agccagcagg tggatacgaa gcttggttcg   180
gacttcctgg aagtgcagca gagcgctgtg gaagagaaag gagcagacgg cctctgtgat   240
gaccgctttg agcaagtcga ctcggatggg attcttgcaa gcgaagctcc tctcgctgac   300
gtgatactgg gtcagaccca agctccacaa ggcgcttgtg cagtacctgc tgcacagggc   360
actaaccagc tgagccaata gcctcaccgc accgtctcg ggggacatgc cccccagcat   420
catctgcatc atcacgccgc acgggttgct ggacgtgccc accagagtca ggccatgcac   480
aagcgagaag aagtagacga gcgtcagcgt ccaggtgggg tgcgcggggt gctgttcgct   540
cagcagttgc agctcgtggg tgcagcagca gagctggaag gtggctagaa actccaggac   600
gaaggcgtgg gccaccggcc tgtgcagctg ctgccgggcg actacgcggg ccagccccat   660
gagcagcacc accgacagca tcagtccag cgaggtgcag gtgtcctgca gctcggaccg   720
gagccccagc agcggcgaca tggctccgtc gccgcctgag cgggttgcgg gctccggctc   780
tgggtaggag gcggtctcca ggcccgagtc cgaagtccgc agccctccc ctcctcacgc   840
```

ccctcggggc gggacgagcg ggaggctccc gagcgaattc ca

<210> 9383
<211> 1283
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (358)...(1020)
<223> similar to gi3907579 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```
<400> 9383
attggaatga ggcatccagt ttagcaacag cagagatgac gactctgcga ttctgagagt    60
ccctggcgag cccgggctag cgaaaagtgg gggcagaacg aactacatct cccatcgtgc   120
caggaggcgg tcccgcccgt ttccccctgg gagttgtagt ctaaccccct cggatccaac   180
agcaacctca gtgcgtgaac tctgttatcc agaaggcctc gccctgccgc cgccgaagct   240
ggaattcgtc ggctagtagt tctcgccggc aactagagga acctgttggc gtggcccaga   300
aggcttagcg ggattgcacg agccctcaga ttcatcgcta ccccgaggct aagcgccatg   360
cctcatattg acaacgatgt gaaactggac ttcaaggatg tccttttgag gcccaaacgc   420
agtaccctta agtctcgaag tgaggtggat ctcacaagat ccttttcatt tcggaactca   480
aagcagacat actctggggt tcccatcatt gctgccaata tggatactgt gggcaccttt   540
gagatggcca aggttctctg taagttctct ctcttcactg ctgtccataa gcactatagc   600
ctcgttcagt ggcaagagtt tgctggccag aatcctgact gtcttgagca tctggctgcc   660
agctcaggca caggctcttc tgactttgag cagctggaac agatcctgga agctattccc   720
caggtgaagt atatatgcct ggatgtggca aatggctact ctgaacactt tgttgaattt   780
gtaaaagatg tacggaagcg cttcccccag cacaccatca tggcagggaa tgtggtaaca   840
ggagagatgg tagaaaagct catcctttct ggggctgaca tcatcaaagt gggaattggg   900
ccaggctctg tattactttg tcatttcctg ttgtctcact cctgagggct cctgcagtaa   960
ctctgtactt ctctatctgc acacacaaaa tgcccaaggc actcactggg gaggaagcaa  1020
ggaagcaaac agtctgagaa aatgatgcaa gaaaatcaaa tgggaatctg gggacccaac  1080
acaacatcct gaagattatt aaaaggaaaa gatgctgatt ggtacataaa tcttttacat  1140
ggccttggtc tagaggaggc aggcttttag aatcatgttt tgttaatccg cttcactaaa  1200
ttggaccttc acatatctaa aaagctctga agtgtttgta tatttgaaat acctcaataa  1260
agagagagct cattgactgt aaa                                          1283
```

<210> 9384
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (179)...(420)
<223> similar to gi1698455 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9384
agtccagcgt ggtggaattc ggaaaatgta tgttaggaaa aaaatatgca tacatttaag   60
aaatctctac attaaaataa actttactacta acttgttata acatgtctga acagaatcta   120
gtttgttgta ctaagaatga taagacatca gttagaaaag agcccctatc agagcaacat   180
gaattatgct aaaattgaag gaagaccaaa catcatattt atggtaaagc ttgggtagaa   240
gaatgatgaa atcattaatc ctttataaaa agtttatggg gacaatgccc caaagaaatc   300
atcaatttac aaatggataa cttatttaaa gaagggacaa gatgatactg aagataaacc   360
ccgaagctgc agaccattca tatcaatttc caaggaaaaa attaatcttg tttgtgccta   420
g   421

        <210> 9385
        <211> 889
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (91)...(884)
        <223> similar to gi310100 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

        <400> 9385
ccggaattcc cgggtcgagg cgcgaggcag ccaggagggc ccgtgcggcg cggggagcca   60
gcgagcgcgc cttcggcatt ggccgccgcg atgtcagctc agtgctgtgc gggccagctg   120
gcctgctgct gtgggtctgc aggctgctct ctctgctgtg attgctgccc caggattcgg   180
cagtccctca gcacccgctt catgtacgcc ctctacttca ttctggtcgt cgtcctctgc   240
tgcatcatga tgtcaacaac cgtggctcac aagatgaaag agcacattcc ttttttttgaa   300
gatatgtgta aaggcattaa agctggtgac acctgtgaga agctggtggg atattctgcc   360
gtgtatagag tctgtttttgg aatggcttgt ttcttcttta tcttctgtct actgaccttg   420
aaaatcaaca acagcaaaag ttgtagagct catattcaca atggcttttg gttctttaaa   480
cttctgctgt tgggggccat gtgctcagga gctttcttca ttccagatca ggacaccttt   540
ctgaacgcct ggcgctatgt gggagccgtc ggaggcttcc tcttcattgg catccagctc   600
ctcctgctcg tggagtttgc acataagtgg aacaagaact ggtgtgtgcc tttatggaaa   660
gcttcccatt gactcacaga aactgcccag ttttgaccaa ggctgtactc aactgcattg   720
ctagggattt gcagttttgt ttccctttat acctgctttt ttgtacctct tcataaactc   780
ctctccttca ttcacttctc acttttttgac ccccctgcccc tactcccttg cttgggctat   840
gagtcaacca gtggtgtgaa ttagccacac tcaatcccct gctcgtacg   889

        <210> 9386
        <211> 400
        <212> DNA

                                7728

<213> Homo sapiens

<220>
<221> misc_feature
<222> (214)...(386)
<223> similar to gi1333929 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

```
      <400> 9386
agttacaaag agtatgtgca catagaaagg gggcggtgag actttacatg tattatccag    60
gagtagagcg tcaaaaggga gactttctct tgtaatccct taaagctggg ggacagaagc   120
atttctctgc taaagaggcc aacataccaa agtccccgga gaagggcagg atggagatgc   180
catggtggat actcagaaga gaaattccag tttgtgtgta tgtgtgtgca cgaatgagta   240
tgcgtgagtg catgcatggg tatatgttgt gcctgtgtgt gcctgcatga gtgtgcacgt   300
gtacatccat atatgtatgt gagtacatgc atcatatgta tgtgtatgtg agtgcatgcg   360
tgtgtgcaca tatacgtttg tgtttggggg cacaggcaag                          400
```

<210> 9387
<211> 719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (412)...(281)
<223> similar to gi34281 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

```
      <400> 9387
gacagacaca ttttaacaga ttcagttact tcacagtttg gtaaactata atcgcaattt    60
gctccttata acctcttagt aaattattca tctccagtgg gggaagactg atgtaatgat   120
ctcactttcc taccttaggt gtttcatcag tacagacgcc tcaccttccc acgcacgcag   180
actcgcagac gccctctgct ggaactgaca cgcagacatt cagcggctcc gccgccaatg   240
caaaactcaa ccctacccca ggcagcaatg ctatctcagg tttgcgggtc ctttagactt   300
gtgcaaatat gaaaagtaca tgacgactac ctgtatttaa gaatggtgtg aggaaatcta   360
accacttatt caatgtgcag ctattgctag ttgatgaatt tggaatttca gtcactctta   420
ggaatatgaa accacagaac aaatgtcctt ttaacagaga tgaaataata gtgagaattg   480
tgagactaca gcaaaaatct gctcaggagg aaagagttat tcagaatagt ctatttttta   540
tatatttcag gcaattacca ttctacaggg aaaacttttt gttagaagta agaaataata   600
tgcataaatc tttacttaaa gactttgtac caacaaacaa aagggtgaag agtgattcct   660
attatcagtg aagggcagtg agaaattgta accacaatga aactgttatt taaagaatg    719
```

<210> 9388

<211> 369
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (50)...(155)
<223> similar to gi189036 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9388
gtggaatcga ggcaatgggt aaaatgacca ggcttctctt tccttcctca gatatgagat   60
cctgactcca aactccattc ccaagggttt catggacggg aagcaggcgt gcgtgctcat   120
ggtgagttga gctgctgtcc ctgcctctct ggatgggcag ccccttgtct ggggagtgcc   180
cacgtggcca gggcccacct tgctatatca gtggtcggtg gatgcccagg ctgtgtccct   240
tctgatgctc cgcgtctgac tctgccgggc gccctttgca gtagccccta ggcctcagat   300
agccagggat ggtgtttggc accagggttg tgtggaggag acaagaactg tagccatggc   360
                                                                      369
cgggctctg

<210> 9389
<211> 1073
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (364)...(924)
<223> similar to gi3877563 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9389
gagctctggg ccctggggga ttcttctgca tgtgcttgct gttgcagatg tcctggatgt   60
tctggaccac gtcggggttc agccgtgct ccctcatgat ggccagcacc tttctgtcca   120
tcaggttatg ggaccggagg cagttgggaa aacgacagtt ccctcgggtg aagtggtcac   180
agatgtggag tcttgaacac ggtggctgct ggttacaaat ctgctgccga ccctctccct   240
tataactttt gcatatctcg ggcataaaaa aaggatcact ttggaggagg agcactgcta   300
attcctctttt gttcagtcca gagagttcgt gattttcag gactttgaag ttctcttctg   360
agagaacctc atgagaatat ttgcataaat tccgctcgga ctgcgaatag ttgcaccggc   420
ccagcaagtt gagtttgcag agatgcaggt tatcgcaggg tctctggcag tacttgcgac   480
ggcagacccg ggctcgagtg gtggccacca ccgatcgggt gatcccggcc tcgccgccgg   540
tctccaacac cacaaagcgg tcgggcccgg ccacctgcag cacctcacag agctgcggct   600
cagacagcgc gatctcctgg agcagcgcgt ccagggccat gcggcccccg tgggcgcaca   660
ggattttggt gatgaagcag cacacctccg ggtccgccat ggcgcgctgg ctgtgctggc   720
tctgccgcgg cgcgggactc ggttccgcgg aaatcggaaa tcgaaactta caagtgtcca   780
ggggcgggcg cgggcggtgc tactgctggg cgcgcccgga gtcagcgagg gcgcgctctc   840
cgtcgccgtt agcccagccc agcgatccac tctcggctct caggtcaaga ggctagatct   900
caccgaccgg gtcctagtgg caggtttaca gccggccgca agggcaactg ggtggaaaga   960

7730

```
aagagaacgc gcgggcaaat ctgctggtga ccgcctgggg tggccccctc tcggttctag   1020
gctcggcgag ggtgaggttc tccagccggg ctccgcgagc ccacgcgtcc tcg          1073
```

```
        <210> 9390
        <211> 434
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (98)...(433)
        <223> similar to gi3319292 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9390
gaatctgcgc gagctcccac ctagaactgg attgtgcgct ccatttcttt cacctcatag    60
ctgggcgcca ccgctgccac ctgctcagag tgaaataatg aatgtggtca acctgaagca   120
agccattttg caagcctgga aggagcgctg gagtgactac caatgggcaa tcaacatgaa   180
gaaattcttt cctaaaggag ccacctggga tattctcaac ctggcagatg cgttactata   240
gcacgccatg attggaccat cccccaatcc tgtcatcttg tcctacctga agtatgccat   300
gagctcccag attgatgact tttctcggga cctgtgtgtc caggcattgc tggacatcat   360
ggacatgttt tgtgaccgtc tgatctggca cggctaagca gaggaatgca ttggactgtg   420
gcgagtcctt cata                                                      434
```

```
        <210> 9391
        <211> 1321
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (611)...(1248)
        <223> similar to gi2854198 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9391
ttttcttttt tgtctcttta aaatcatttt taaaaagtta caaaacaata tcattcatca    60
tatattctta ttttcctttt tttaaaaaat taaagtaata aaaaagtcac tttataaaat   120
aatataaaag ggcttgatgg gtggggccgg tgggtgctgt ctgagctggt ggactgagga   180
atccagtgct tctcttctgg ctaccccctc gttgtcagga aggaccccca ggccacagat   240
ggggatgaca gcaggtccct tgtctctggc tgggctgtgg gagaggggca gggaaagccg   300
gggcaggagg gcagtgggca gacccagaca ggggggacgg ctggggccct gtccccgaag   360
gagacgggag ggcctgctgg tggggggtga ggtggcactg gggcagcggg tgtctgggcc   420
```

```
cctcagtgcc ggctcctcct ccagacagtc tgcctagctt ccgttgctca acaatccccc    480
agcagctcaa ctgggctcca agtcccctgc ggctgggcca ccgtcctgcc atgtccgaaa    540
ccccatgtgc catgaggaaa ctgggcccac gttcaatctc ttgccccgtg aaactggtcc    600
tcggacggtg gggcatgaag gggttgccag tggggccagg ggcagctgtc caccaggtgg    660
acggggcagc ccttgagggg ggtcttgctg gccttgtggc tgtcatggag gctcctgtcc    720
cagcagtgca gtgctcgggg cagcgacgtc cccttcacct ggacatccgt ccagtggctc    780
cggatgatga tctcatggga gaggcaggcg ggggcaaagc tggccggcac gtccttgagt    840
gtgtggcgca gctcgcggcc gaggttctgg atgtacagcc gcaggccctc ctgcaccggc    900
tgccccgtca ggtgcacgtt gtccaccgtc agctgtgcct cgtcaaacag ccactgcacc    960
acgaacacag ggcagcgcag ggtcgggtag accttgtagc caaagaagca gttccactcc   1020
tcgccctcct ggaactggcg tcggcagcgc tccgggacca ccccgttcca gtacctgatg   1080
ccacggcgga tggcctccgt gggcgcgcac gtgatcgtgt cgacgcagtc tgtgtggcga   1140
tactgcttgt tgtccaggaa ccagccggag tcagccaggc ctcgcacctg gatggctggg   1200
tagcccagct tctccagctg ctcagccaca cggtccacat tcaggagcac accggtgccc   1260
cccgcgatgc tcccggccag cagcagcacc ttggccccgc agccaggttg aatgcccgca   1320
c                                                                    1321
```

<210> 9392
<211> 1237
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1019)...(1182)
<223> similar to gi1086681 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters   .

```
        <400> 9392
gtagggctat atccagttta gtctaataag acactcattt tagagaacag ggaaaaacca     60
attaaaaaac agaaaataca attgttagag gaaagcagag gcaggctttg gccccgcttg    120
tggccagcac aggggccctc gctggcagct gccgcctgga gggtgtgcac actggctcct    180
gctggccgca gccctgagct cttcccactt ccccgtgccc aggcccttcc tgcgttccct    240
tccttctgtc tcctataccc gggtcttcat ggcctctgag agagctggat actcccacag    300
agaaggtata cgaaatagga ccaagtgaca ctacacttca gactggatct catccctcct    360
ggcttaaaac cgcctcgccc ccagcctgtt ctccggacca acagggtcca gatcctcagt    420
agacaccagt ggccctttga caggtggcct cacggacctc tccagcttcc acgggggcac    480
ctccctttgc accccaccat cccaaaaggg ccagtgtcct ctctggccag gcctgggacc    540
cactgctcca gcctcagccc ggcatgcccc tgcctcagtg cctcatcccc tgctgtcagg    600
tcctgaccca acaagggcct gggctgctca tggggatgat aggtggtttg cttgtcctct    660
ctctgcgacc cctttgcagt ttgaaggccg gaagtactgc gaacacgact tccaaatgct    720
gtttgctccg tgctgtggat cctgcggtaa ggccggtgac agtacacatc ctgggctgcc    780
tgggaagtgg gcagcagtgg cggggggcag ggggccgagg gggtacacag aactggccca    840
gctctttcct aactccccac cttgcctctc tgagcggcag ccgtcaggcc ccctacaggc    900
atcaccatcc cacgagggag cccatgggcc aggcagagag caggcggagt gctaggtgga    960
cagggcttgg gagggtccga agaggggaca ggcacgtgct ccccagccag cagggacctg   1020
tcttcttcca ggtgagttca tcattggccg cgtcatcaag gccatgaaca acaactggca   1080
cccgggctgc ttccgctgcg aactgtgtga tgtggagctg gctgacctgg gctttgtgaa   1140
gaatgccggc aggtgaggtg gccgtgttgg gccagagagg attgggccac agcccttcgt   1200
ggcacacctg ccacctctcc tctccgctcc ccacttg                            1237
```

7732

<210> 9393
<211> 539
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (274)...(540)
<223> similar to gi2738989 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9393
agtctcgctc ttgttgccca ggctagagtg caaaggtgcg atctcggctc acagcaacct   60
ccgcctccca ggctcaagcc attctcctgc ctcagcctcc ggagtagctg ggactacagg   120
catgcaccac cacacccggc taatttttg tatttttagt agagacaggg tttctccatg   180
ttggtcaggc tggtcttgaa ctctggacct caggtgatcc gcccgccttg gcctcccaaa   240
ttactgggat tacaggcgtg agccactgcg cccggcctct ttaatttctt ttaattcctg   300
ttccaatgca gagaagaaca taagaagaaa aacccagaag tccctgtcaa tttttgcagaa   360
ttttccaaga aatgctctgg gaggtggaag acaatgtcca gtaaagagaa atttaaattt   420
ggtgaaatgg caaaggcgga tgaagtgtgc tatgatcggg aaatgaagga ttatggacca   480
gctaagggag gcaagaagaa ggatcctaat gcccccaaaa ggccaccatc tggattctt   539

<210> 9394
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (205)...(336)
<223> similar to gi56588 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9394
gagagctatt ccatattaat aaatagaaag attcagtatt ttcaagatgt caattattcc   60
caacttgttc tatagattca atgcaattcc tatcaaaatc tcagcaaatt attttgtggg   120
tattgacaaa ctgattctaa agtttataag agatgccaaa gactcgggct agccaacaca   180
tattaaggga gaagaacaaa gttgttcttc tcaagcttac atggaacatt taccaagaca   240
gaccatattt gaggccttaa aatacacttt aacaaattta aaagaataaa aatcatacag   300
tgtctactct tagaccacaa tggaattaaa ctaaaatcag taacagaaag ataagtggag   360
aatcccaaga cagctgacac tag   383

7733

<210> 9395
<211> 763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (268)...(764)
<223> similar to gi4062307 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9395
```
tagtccccgc aaccaacaag tgcggcattt tcgccagatc ggcaaccacc ggctcaccgg      60
cgatatcttt acccagcacc ccggttaatg gcgacggatt atcgcggaat ttggcgttat     120
ccaaaacttc gcgcagataa acggtttgtc gtttttatt cggtaactcc agacctacat      180
agggtttgcc aggaataact tcaacgacac gcaccgccac cgtcgaaagt gaacgggcaa     240
ggtcccgtga caagttagaa atgcgcgccg cttttacgcc cggtgccagg ttcaattcaa     300
agcgagtgat aactggcgct ggatgccata gagcgtttgc aacgctggtg ggaggagagc     360
gaggcgctgg agccggagtc tcgctttatt gaaattccgg tggtttacgg tggtgcaggc     420
ggaccggatt tggcggtggt cgcggcgcat tgcgggttga gcgaaaaaca ggttgttgaa     480
ttgcactcct ccgtggaata cgtggtctgg tttttaggtt ttcaaccggg cttcccgtat     540
ctcgggagtt tgccggaaca actacacacg ccacggcgcg ctgaaccgcg cttactcgtt     600
ccggcaggtt ctgtcgggat cggcgggccg cagactggtg tttatccgct ggcaacgccg     660
ggtggctggc agttgattgg tcatacctca ctcagcctgt ttgatccggc gcgtgacgaa     720
cccatcttat tacgtccggg agacagcgtg cgctttgtac cgc                       763
```


<210> 9396
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (172)...(439)
<223> similar to gi466692 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9396
```
gaccccccta cgtatctgat aaatgccgat atatctcttc cccctcctgt tttgtaaaga      60
tttcgaaaat ctaaccttct gcgaaggcgt aaatctctgg ctacaaaaaa ggcaacggca     120
ctatcatttt ttaacaatga aacaacaaat taccccttgtt tcattttctc catgatttta    180
ccaggaagat tacgtagaaa gggtatcctg caagcctgtc ctggactatc cttgtcacgt     240
cagacacgcg tgtgtcgttg tgcgcttttt ttgggtgaaa ggagtaagaa aatggcgaca     300
```


7734

```
ggaaagtcct gctctcgctg gtttgcgcct cttgcggcgt tattaatggt agttagcctg      360
agtgggtgtt ttgataaaga aggcgatcag cgtaaagcgt ttatcgactt tgtgcagcat      420
gcagtttaag gtggcggt                                                     438
```

```
<210> 9397
<211> 1404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (206)...(1289)
<223> similar to gi1001357 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9397
gctgagaaag gagggccgct gcaggcgggg ttcgaaccgt ggggtctggg ctgctcccgc       60
ggagggcctg ggcggacgcg ggatgctggg ggtccgctgc ctgctgcggt ccgtgcgctt      120
ctgttcctcc gccccttcc ccaagcacaa accttcagcc aaactgagcg tgcgggacgc       180
tctcggggct cagaacgcga gtggggagcg cattaagatc cagggatgga ttcgttctgt      240
ccgatcccag aaggaagtct tgttcctgca tgtaaatgat gggtcatctt tggaaagcct      300
tcaggttgtt gcagattcag gccttgacag tagagaatta acttttggga gttctgtgga      360
agtacaaggg cagctgataa aaagtccatc caaaaggcaa aatgtggaac tgaaggcaga      420
aaaaattaaa gttattggaa attgtgatgc caaggatttc cccatcaaat ataaagagag      480
gcatcctctg gagtacctgc gacaatatcc tcactttagg tgtaggacta acgttctggg      540
ttctatattg aggattcgca gtgaagcgac agctgctatt cattctttct ttaaggacag      600
tggctttgta catattcata ctccaataat cacatccaat gactctgagg gagctggaga      660
acttttcaa cttgaacctt caggcaaact taaggtacct gaggagaatt tcttcaatgt       720
tcctgctttc ttaactgtct caggacaact tcatctagaa gtgatgtcag gagcttttac      780
tcaagtgttt acctttggtc cgaccttccg agctgaaaat tctcagagcc ggaggcacct      840
ggcagagttt tatatgatag aagcagagat ttcttttgtt gacagccttc aagatcttat      900
gcaggttata gaggaactgt tcaaggctac aacaatgatg gttctctcaa aatgtcctga      960
agatgttgaa ctctgtcaca aattcatagc acctggccaa aaggacagat tataacatat     1020
gctaaaaaac aactttttaa tcatttctta tactgaagca gtggagatct taaagcaagc     1080
atcccagaac ttcacctta ccccagagtg gggtgctgac ctacggactg aacatgaaaa      1140
gtacctggtg aagcactgtg gcaacatacc tgtcttcgtt attaattatc cattaacact     1200
caagcctttc tacatgaggg ataatgaaga tggccctcag gaactagagg gaagtgtagc     1260
ttaacacagc ctggggttga tgattctcct tagtattgta gtcattggtc agccttaaat     1320
gttcatactt gtgcaaagtc attaatggat aaatacagca tggtggctag tggcatagat     1380
ttagagtcag agagacttga gttc                                            1404
```

```
<210> 9398
<211> 1846
<212> DNA
<213> Homo sapiens
```

```
      <400> 9398
tttttttttt ttagggaaga gtttgctgtg aaacatcatt ttattaacta attttatttt      60
attttttaca aaaataaaca atttaaccaa caagaagtac aaaagattct ggatattcaa     120
actcgaggaa gggggaaagc ctggttttgg ctgctttgag gctttcattg aaagcaaatg     180
aggcagaaag gccccggccc cacccccgcc ccaggtcctg gctcaaacca cacctgctcc     240
ctgaccccag tcttggctca tgctgaggtg tgcacctctg cccctgaccc ctgggctggc     300
ctgggagtgt ccctgtcgg gaggtcagag atagcctccc caggtacaga atcacccaca      360
tcctggagca tctcccgcca agtctcctgt ccagacctaa gctgagagaa cactccacga     420
tggattgtcc ccacgcagcc cccaccgcct gctgtggcat gtgcagcagc agcagcaggg     480
gctttagcta cattctcaca ctattgaaca cagtgatggg gctgcccacg gaaccgtccc     540
agggaggggc acagcccca gtggggagac tagcctgagc ttgcttacag cccacagggt      600
tggagaggca gtcataccc catgattcct ggactaggag ccagcagtcc catagctagg      660
ctggtaaact cacattttaa catttggcat tattgcacgt ttgtcctggt cacatctgtc     720
tgtctgggat gttagctttg tctgcagggg ttcccaggtg acatgcagtg ctgccagtgc     780
aagtcactcc ctccacaggc aagcccagct gctgaggata gtcagctggt cagccgagcc     840
ctcagatagg tcagccagag gccttcacat atgtggtctt gttgggatca gggaccactt     900
ggctccatcc agtcttgaaa aagaccagct gccgacctgt ccaggtggtc tggttggtga     960
ccacaaaggc ccgacactgg gcatggctct cacagacatc cacagcctca gccaggttga    1020
acactgaaag gaggcagctc ccgtggtggt aggatggcca gcagcggtag tcttcctggg    1080
ggatggtgct gtctgggata cactggtact cggtactgct gcttgccgtg gagttctgca    1140
gatactgccc gctccggtac aggtgcagca ccttctccag ctgggccagg gtctcgtcca    1200
ccccccaggc gagctctcct gtggcgttga cgatgctgtc cagcagagga cgcagtgaag    1260
gcggggcact gtgaggcagg aggtatgtga agaaaaacct gtaggcatta tagaggttcc    1320
gcttctcgtt catgccctcg caccagccct gggctgagca gggcagggtg aagttcctgg    1380
ccggaaactc gagtatgcag tcggtgctgc ctgcacacgg cgtctcctcc acacgtgcgt    1440
catccaggtc cgtcactttg agctccccat ccaccagcac aaactgccga gggcggaagt    1500
ccagcagagt gacggagccc agtggggagt gggccaggtg gtggaggagg cggcccaggc    1560
tcaggcagat tcggaatcga tcctcccagg aagtttgcag cagctggatc atttctacag    1620
gggcgcccag ctccgtgatg gtggtcaggg tgtctgggat gtcctcgctg tcctggtagc    1680
agtagccata gagctgcagc acgttggggt gccgcagccg ctccagcagc accatctcct    1740
taagcagctt gtgggccgcc agccgatagc agcccctccg tacccgaac tcgcgacgca     1800
gctgcccata tcgtgccgct aaagtccatc gccttgcgcg ccctcg                   1846
```

```
<400> 9399
ttttttttgt ctttattcat ttatttattt attcattcat tttgtgccct tctgggaatg    60
aaccaggact atttgaatgg aaagagaaaa aaaaaaggct gtcataggtt taaaaattgg   120
catatgttct cttccagatt aaattccctt ggacctttta atttatgcta gaacaagcac   180
ttatcttttt ttttttttat tactaagccc aacacagtgc gtggcatgca gtaactgttc   240
aaataatgtt tgtttaattg acgggtttta agctcgataa cttagctaag ccctttgcac   300
agtctaagcc taatttggaa tgctttcagt cttacccagg ccaataaaat tttcttgcct   360
catctgaatt tcctgcaaat gtgattaatt aataagaatc atcaagatta attaataaga   420
aattgatagc aggatgagta acaggcccag acagtcccac agatcacacc ttccgccctc   480
catttccgct tagcttctct tgaatctatt gggcatgatt gcctctgtgg gggctacagc   540
cagcatgggt gactgttcat gacctaccct ctcttgcagt ctgactgtgg acaaatgccg   600
agtccttaag agatggtgaa gtaggcatag tagatagtaa aggtagactt acagtataca   660
tttgcattct caaacaaaat taaaaagcct taaagtgcac aagaagattg cacaattgaa   720
aagtgcagag tatactcaaa actgtcatcc tactgttttc tcagtcttcc ctgcaatact   780
attccctcct cagacatcct cagctccctc tcaccccaag tatgccattg tctttgtaat   840
tcttattaaa atactaaagc aaaaattcat cgtagaacaa ttcatgtcca caaaggtttg   900
cctcagttgc tcatgccctg tatgcatttc ctctggtttt attattcaaa ttaagaaaat   960
acttaaaaat ttttggtaa cagcttgcat gcaacccta agtgtacccc tataacccct  1020
tggctttttt cagagaaaga cttcagccaa attgtccctt tcactcctct gagggcagct  1080
ctgggaaact ctcctgacca ccttctccct ccttcacgtc atctttgtgt gacagcagga  1140
catccgggtt tggagcatcc tccaccaccc actgacactc atgaatacgg gctaccttga  1200
tctcctctgc attcacactg gccgtggcct gggccgcgct gctttgccct cccatctctt  1260
cttgttcctc agaaacctgg ctctcactga ggcagatggg gtcagaacct aaggtgcagc  1320
cctcttgctg tgaggcatcc ccttcctcgg tacacttgcc ccctcttcct tcatgggcag  1380
tgagtgtgca ggcctctcct gggagctccc cctccatggg ccccaggggc tcctcggtga  1440
gccctccact ggctggcgga gaggctgggc tgcctacctc tggaaatccc cccaactcct  1500
ccccatgggc ctcgggacag ggaggttggg cctccctctc gctgacttca ctttcttcac  1560
agttgtcggg gtggatggca gctgcctgac tgggctcttt ttcctcttct tcttcatttt  1620
cttgggaac gtggctctcc ccattcgtat cttcttccat cactggagca gagtccactg  1680
gtacttccac ggacgctgtc agcaactttc tgagcgcctt caaagaaccc gaggcagtga  1740
tgggttctgg ctcttcctgg gcgggttctt catcctcaag ggtccctcca aactccagct  1800
ctgatgagca tgtgcccggg agtcctgctg tgtcctctgt tgccacagga ttcaccacgg  1860
ggtcatccac tcttgaaata atcacctgct cagtcccatc tgggggtggg cttggcccag  1920
ggagagaaag gctttctcct ttggccaacg agctagggac ctcaggctgc ttctcttcct  1980
ctgactcctg gaatacttcg ttactgaggg tctcactacc cggaactcct ggcagaatgg  2040
cagaagctct cctggcaggg ctggcctggt ttgaccctgt gggggctttt agatctgtta  2100
agctggacac actttcactg ggcaaggcca tgttatcttc aaataagttg tgtttcttca  2160
agatagcagc ttcctttatc actttcagag tttcatcaag caggatctga tgtaaaatct  2220
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atttctgaag ctctggtttg catgtggacg ccagtgcctt ctgcacagtg ggaagtgtga  2340
tttgaactag tgcctcttga aatatcttct ttcggatggt gctgctgtca taatcatatt  2400
gctttaagac tcggagttta accttctcaa tggcaactgc agttttggag gcctctcctt  2460
ggagatgtgg ggaaagcaac tgctcaaaag tgaacactgc attctccatt agctcctgca  2520
tgtagttctg tgtcctctga accaccagat caatgtgggg gaatctgaag cggctcttga  2580
gatcctgcag gcgctcgtga agcaggttga ctttagtata acaaggttcc atcttcacgg  2640
aatgcagcgg aagattcata agccggtcta gatgctcctt tagctggaca ctgtctttgg  2700
tggtctggaa gttctggctg acttcattca cctctttctc aaagagtaca cgtacttcac  2760
tgaatcccga gctcactggt cccatgagct cctccaggat ggatgccagg aatggctgca  2820
cactctccaa gcagcttttc tccgccggct gggccaccat cgctttgatc tttccaatta  2880
aatagttctt tgagttcaca atctgatcca tgtcagaacg gatcgttcct tccaggccct  2940
ttgtcagagc tctgcattcc tccttcaagg cacttaatcc ttctgaaact tgatgctgaa  3000
ccagggtgta ggcctcctcg aggagaccaa gccccgccct ctttctgtca ttcttcttcc  3060
ccttcatctt aggcagcagg tctgtctgaa gagtgggcag gagctcctcc atcaccaggt  3120
tactcaggat ctggatttca tccccagtga tcatttccca ggaaccatag tgacccttct  3180
```

```
cctgtcggaa gaattgcaca gcttctaaaa aggcctgggc ttcaaatgtc atctgcttca   3240
tgtaatcatg attgagatgc ctgacgcagt cactcaggag ggcactaaac ctcttctggt   3300
cagcagcctc gtggaagcag aagtagccgt gtctgaagaa gggctgccac aggtacactg   3360
ggaattcctt gggcaggacc acaaagggct gagtgttctc cttctcactg gaggcaagag   3420
ggtctgggaa atgcctgtca gacaacagat tatattcatc ttctgaggtt aacaccttgc   3480
caccggctgg aagaattcga catttaggag cagctcctct ctgataggcc tgctaatggc   3540
aaggtaatat tttaatactt tcatgtgaca gtcacaacat ggtaaatcag agtccctaat   3600
ctcagggaga tttaccctag ttatgttctc gaatgtggaa aacataatct cagtaaccct   3660
gaaagtctgc accacatttg ccatttcaga tgctaacaac taaatcattc tgataataac   3720
cacaaaggtg acgatcacac gaattacgcc actctagact aggggtcttc gaa          3773
```

<210> 9400
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(370)
<223> similar to gi1770490 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```
        <400> 9400
cagcgtctgg cagaaatgtc aaatgcaata gaaagaaaac acgccaagaa aatgagaaac    60
cagcctacca atgggactct gtcctctggc tttgtggctg acagaggtgt aaagcaccac   120
agtggaggtg aaaaaccttt ccaagctcaa aaacaagagc ctcatcctgg aacttcacga   180
cagcggcaaa ccagagtcaa cccccattct ctgcctgacc ctgaagtgaa tgagcagtct   240
tactccaaag ggatgtttag aaaaaaggga ggatggaaag caggtcccga gggcacgtct   300
catgagatcc ccaagtatat aactgcttct acttttgctc aagcacgagc tgctgaaatc   360
                                                                    369
agtgctatg
```

<210> 9401
<211> 984
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (274)...(985)
<223> similar to gi2689444 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

        <400> 9401
```

```
catagcactc acgagtcact aacagtcaag gccctactgg aagccatttg tttggttcca      60
ttcttatatc ctggcccttc attggcactc ccccatggta tgacctccag aggctcacta     120
cctcaaagcc attccttcct cactctgacc atgcctctca ttctgaaaac agtttcatga     180
acttattcct gcatgtgtca aatgcacata tacaatgagg ttgccccttc ccacccgtaa     240
atatgcattt aatcagcatt tgtgtgttct tcaggttgtt ggcatggagt ggaggatgaa     300
gaggtatctt ttgagcagag catttttgta gcaggagtgt cagaggtcag gactctcatg     360
gcagagctgg agtctcaccc atgtgacata tgtggcccaa tattgaaaga taccttacac     420
ctggctaaat accatggggg aaaagccagg cagaaaccat acttgtgtgg ggcatgtgga     480
aagcaattct ggttcagtac agactttgac cagcaccaga accagcccaa tggagggaaa     540
cttttcccaa ggaaggaggg cagagactct gtgaaaagct gcagagtcca tgtgccagag     600
aagaccctca catgtgggaa aggtaggaga gacttttcag ccacatctgg ccttcttcag     660
catcaggcct ctctcagcag catgaagccc cacaagagca ctaagcttgt gagtggcttt     720
ctcatgggac agaggtatca caggtgtggt gaatgtggga aagccttcac ccgcaaagac     780
acacttgctc ggcatcagag aatccacact ggagaaaggc cttatgagtg taacgaatgt     840
gggaaattct tcagccaaag ctatgacctc tttaaacacc agacagttca cactggagaa     900
aggccatacg agtgcagcga atgtgggaaa ttctttagac aaatctccgg cctgattgag     960
cacaggcgag ttcacacggg tgaa                                            984
```


        <210> 9402
        <211> 1850
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (40)...(1791)
        <223> similar to gi3893101 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

        <400> 9402
```
cggcacgaga actggaaaga aagattgaaa cggggtggtg aaattattca gagtactccc      60
tatgggcgcc ccgcaaatat tagtgggagt acctcatcac aaagaattta tatcacttac     120
cgaagagcct ctgaaaacat gactcagaat acgttggctg tcactgacat atgtattatt     180
atacccagta aaggagaaag cccaccacac acgttctgca aagtcgacaa gaatctcaat     240
aacagtatgt ggggatcagc agtatacttg tgttataaaa aatcggtggc aaagacgaac     300
actgtatctt acaaagctgg cctaatttgt agatatcctc aagaagatta tgagtcattc     360
tcactaccgg aatctgttcc tctattttgt ttaccaatgg gtgcaaccat tgaatgttgg     420
ccatcaaata gcaaataccc tctgcctgta ttttctactt ttgttttaac tggagcctca     480
gctgaaaagg tttatggtgc tgctattcag ttttatgaac catactctga ggagaatctc     540
acagaaaagc agagacttct tttgggttta acatcagcag atgggaagtc tgatagttcc     600
aaaacaattc atactaacaa atgcatctgt cttctttctc actggccttt ttttgatgca     660
ttcaggaagt ttctgacttt tctgtatcgt tattccatct ctgggcctca tgtccttcca     720
attgagaagc atatttctca ttttatgcat aaagttcctt ttccatctcc tcagagacca     780
cggatttag ttcagttatc accacatgat aatctgattc tcagtcagcc tgtgtcttca     840
cctcttccac taagtggtgg caagttttca acactactgc agaatttagg ccctgaaaat     900
gctgtgacac tactggtgtt tgcagtaaca gaacataaaa ttcttatcca ttccctacgg     960
ccatccgtgc ttactagtgt gacagaagca ttagtgtcta tgattttccc tttccactgg    1020
ccatgcccgt atgttcctct ctgcccactg gctttagcag atgtcttgag tgcaccatgt    1080
ccattcatag tagggattga ttcaagatac tttgatctct atgatcctcc accagatgtc    1140
agttgtgttg atgtagatac caacactatt tctcaaattg gtgacaagaa aaatgtagcc    1200
```

```
tggaagatac ttccaaagaa gccatgtaaa aatctgatga acacactgaa taatttgcat    1260
cagcaattgg caaaattgca gcagagaccg agagatgatg gactcatgga tttagcaata    1320
aatgactatg attttaattc tggaaagagg ttgcacatga tagatttgga aatccaagag    1380
gcatttttgt ttttcatggc ctctatttta aaaggttaca gatcatactt aaggccaata    1440
acacaagccc catctgagac agccacagat gcagcctctc tctttgccct acaagctttc    1500
ttaagaagcc gggaccggtc acatcaaaaa ttctataaca tgatgaccaa aacacaaatg    1560
tttattcgct tcattgaaga atgttctttt gttagtgaca aagatgcaag cctggcattt    1620
tttgatgatt gtgtagataa agtggatatg gacaagagcg gtgaagtacg acttatagaa    1680
ctggatgaat ctttcaaaag tgaacacact gttttttgtaa caccacctga gatccccccac    1740
ctacccaatg gtgaagaacc ccctttacag tacagctata atggatttcc agttcttagg    1800
aacaatttat ttgaaagacc tgaaggattt ctacaagcaa agaagaacaa                1850
```

<210> 9403
<211> 732
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (142)...(721)
<223> similar to gi1155068 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

      <400> 9403
```
cttcccaaat ccttgggcct atcccggtct cctgtagttt cagaacaaac tgcaaaaggc      60
cctatagcag ctggaaccag tgatcacttt actaaaccat ctcctagggc agatgtgttt     120
caaagacaaa ggatacctga ctcatatgca cgacccttgt tgacacctgc acctcttgat     180
agtggtcctg gaccttttaa gactccaatg caacctcctc catcctctca ggatccttat     240
ggatcagtgt cacaggcatc aaggcgattg tctgttgacc cttatgaaag gcctgctttg     300
acaccaagac ctatagataa ttttttctcat aatcagtcaa atgatccata tagtcagcct     360
cccttaccc cacatccagc agtgaatgaa tcttttgccc atccttcaag ggcttttttcc     420
cagcctggaa ccatatcaag gccaacatct caggacccat actcccaacc cccaggaact     480
ccacgacctg ttgtagattc ttattcccaa tcttcaggaa cagctaggtc caatacagac     540
ccttactctc aacctcctgg aactccccgg cctactactg ttgacccata tagtcagcag     600
ccccaaaccc caagaccatc tacacaaact gacttgtttg ttacacctgt aacaaatcag     660
aggcattctg atccatatgc tcatcctcct ggaacaccaa gacctggaat ttctgtccct     720
tactctcagc ca                                                         732
```

<210> 9404
<211> 376
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (263)...(378)
```

<223> similar to gi4929359 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

    <400> 9404
ccgcgagagc ttcgcggcgg gagagcggct ggtgtcgccg gcttacgtgc ggcagggctg   60
tgaggcccgc cgctcgcatg agcacctcat acggctgctt ctggagaagg gcaagtgtcc   120
agagaatggc tgggatgaaa gtacacttga actcttttta catgaacttg caatcatgga   180
cagcaacaat ttcttaggca attgtggtgt gggagaaagg gaagggagag tggcatccgc   240
actggttgct cgtcgtcatt acaggttcat tcatggcatt ggacgatccg gtgatatttc   300
tgctgtgcaa ccaaaagctg caggctctag ccttttgaac aaaattacca attctttggt   360
cctggacatt ataaag   376

        <210> 9405
        <211> 697
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (227)...(699)
        <223> similar to gi3342002 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

        <400> 9405
ctgggcggct tccgggtttg gcggggtctt tgtctctcgc tgtagccgga gctccaggtt   60
ttgctctcac ttctctgtgt cttctgctcc taggggccta gcctgtgtgg ccctctgacc   120
tgcagatatt gggagatcca cagctaagac gccaggaccc cctagaagcc tagaaatgga   180
tgacccgagg tatggaatgt gtcctctcaa gggagcaagt ggatgccctg gggctgagag   240
gagtcttctg gtgcagtctt attttgaaaa ggggccattg acgtttaggg atgtggccat   300
agaattctct ctggaggagt ggcaatgcct ggacagtgct cagcagggtt tgtataggaa   360
agtgatgtta gagaactaca gaaacctggt cttcttgggt attgctctca ctaagccaga   420
cctgatcacc tgtctggagc aaggaaaaga gccctggaat ataaagagac atgagatggt   480
agccaaaccc ccagttatat gttctcattt tccccaagac ctttgggcag agcaggacat   540
taaagattct tttcaagaag cgattttgaa aaaatatgga aaatatggac atgccaattt   600
ccagttacaa aaaggctgta aaagtgtgga tgagtgtaaa gtgcacaaag aacatgataa   660
caaattaaac cagtgtttga tacctaaaaa aaaaaaa   697

        <210> 9406
        <211> 572
        <212> DNA
        <213> Homo sapiens

        <220>

<400> 9406

```
ggcacgagaa cccgagtgac acgttgaatt tgccataatc aaggaaacct tttccgggtg    60
gggatctctg aaattactca gtgagcaacc ctaattaacc tgattttttg ctgataatca   120
ctctcaatgg aatcaaatca caaatccggg gatggattga gcggcactca gaaggaagca   180
gccctccgcg cactggtcca gcgcacagga tatagcttgg tccaggaaaa tggacaaaga   240
aaatatggtg gccctccacc tggttgggat gctgcacccc ctgaaagggg ctgtgaaatt   300
tttattggaa aacttccccg agaccttttt gaggatgagc ttataccatt atgtgaaaaa   360
atcggtaaaa tttatgaaat gagaatgatg atggatttta atggcaacaa tagaggatat   420
gcatttgtaa cattttcaaa taaagtggaa gccaagaatg caatcaagca acttaataat   480
tatgaaatta gaaatgggcg cctcttaggg gtttgtgcca gtgtggacaa ctgccgatta   540
tttgttgggg gcatcccaaa aaccaaaaag ag                                  572
```

<210> 9407
<211> 555
<212> DNA
<213> Homo sapiens

<220>

<400> 9407

```
gccaccacca ctcacagcgc tcggcgttca ggaagaggag cagcagcgga ggcggctgct    60
tcagcggcgg gcgggcgcca gaaaggcccc gatcgaaaag cctgggaggg ccgccgaact   120
accccggag ggaggagcca gtccgaaccc aaggcgccac cgccgcagaa gcggagcgag    180
gcagcattcg cctccatggc ccactcgccg gtggctgtcc aagtgcctgg gatgcagaat   240
aacatagctg atccagaaga actgttcaca aaattagagc gcattgggaa aggctcattt   300
ggggaagttt tcaaaggaat tgataaccgt acccagcaag tcgttgctat taaaatcata   360
gaccttgagg aagccgaaga tgaaatagaa gacattcagc aagaaataac tgtcttgagt   420
caatgtgaca gctcatatgt aacaaaatac tatgggtcat atttaaaggg gtctaaatta   480
tggataataa tggaatacct gggcggtggt tcagcactgg atcttcttcg agctggtcca   540
tttgatgagt tccag                                                     555
```

<210> 9408
<211> 474
<212> DNA

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (77)...(194)
<223> similar to gi2588783 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9408
agcttaaacc cctgtcccaa tgacgtcaag ttcgcccgct ggcttggaag gttcagacct   60
atcttccatc agcaccatga tgccggcggt catgagtgta gggaaggtca cagagaatgg   120
cgggagcccc caggggatca agtcccccct gaagcctcca ggaccaaatc ggattggcag   180
aaggaaccag gtaagtgttc acacctagtg gtgacctctg gtgggttcaa tccatgagaa   240
cattgggaga tgtttccgag tttcctatga taaaaccttg gaagaattgg gaataaaacg   300
gacataccca gaggccttga tcatttttca agggcaaaat ttttatgggc ttatgttagt   360
ttcctttcat gggagaaggt tttctttgct gtggtgttcg atgttggtgg gaagtgccct   420
tattttggn cccacccatt gggatttta antcaagctt tcttcacttg gatt   474

<210> 9409
<211> 498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (218)...(494)
<223> similar to gi4335756 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9409
taaaccccct gagtctgagg gatttggaga caggctgttc cttaagcaga gaatgagctt   60
actctctcag atgacttcgt ctcccaccga ctgcctgttt aagcacattg catcaggtaa   120
ccagaaagaa gtggagagac ttctgagcca agaggaccat gataaagata ccgtccaaaa   180
gatgtgtcac cctctctgct tctgcgatga ctgtgagaaa ctcgtctctg ggaggttgaa   240
tgatccctca gttgtcactc cattctccag agacgacagg gggcacaccc ctctccatgt   300
ggctgctgtc tgtgggcagg catccctcat cgacctcctg gtttccaagg gcgccatggt   360
aaatgccaca gactaccatg gagccactcc gctccacctg gcctgtcaga agggctacca   420
gagcgtgacg ctgctgctgc tgcactacaa ggccagcgcg gaagtgcagg acaacaatgg   480
gaatacgcca catgtatt   498

<210> 9410
<211> 613
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (270)...(604)
<223> similar to gi487783 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9410
ctggttggga cccgggaagg cctccctctt aaggtctttc ccacacctct gcaccttgtt   60
acctgacttt cggcttcagg atccgcagcg tgcacccgcg ttccatctgt cttctgagac   120
tttgcccttc tccaggaaga gcactcagga gaccaggaaa atggccacag ggctcctgag   180
agccaaaaaa gaggcctgag caggcacgtg gcagcatttg gtagaggaag gagtgagccc   240
tgctgtagga actatatata ttggcgttcg tggcattcag ggatgtggct gtgtacttca   300
cccaggagga gtggaggttg ttgagccctg ctcagaggac cctgcacagg gaggtgatgc   360
tggagactta taaccatctg gtctcactgg aaattccatc ttctaaacca aaactcattg   420
ctcagctgga gcgaggggaa gcgccctgga gagaggagag aaaatgtcca ctggacctct   480
gtccagaatc gaagccagaa attcaactta gtccctcctg ccctctgatt ttctccagtc   540
agcaagctct cagccaacat gtgtggctga gtcatctctc tcagctgttt tcaagtttat   600
gggcaggaaa tcc   613

<210> 9411
<211> 547
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (452)...(549)
<223> similar to gi3714332 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9411
cggcacgaga ctgcacccgg ccctcatttt gaagattaaa ctgaaaaatc tatataataa   60
gctttatata gagccaagtg catacagctc cattaatggt agtggctttt attattccag   120
gaaaaggaaa ctatttgcaa agaatggata tgtaagagta tgccaggctc tgaactacaa   180
gttgttcagt ctggcttgtg agtaggttat atatagagag agaatggaag tgatccggag   240
agctaggcag agaccacatt atgaataatg aggggtctac catcaagact tttctcaaag   300
aggtgacaga tagggtgcca tttgacttca gagaaggaat gacctgagac ctcatctggg   360
ctctcaagag ctcttcttag aattcaagtc tcccgtggac cacatgattt ctcagtagaa   420
agtgtacata ccacacaata ctccttgtat ctttcgctcc caggatatga tggatgatat   480
ctgtcaggag caatttctag agctgtccta cttgaatgga gtacctgaac cctctcgcgg   540

7744

acgtggg

<210> 9412
<211> 206
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (157)...(104)
<223> similar to gi1147632 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9412
tttttttttt ttgggggaaa aaaccttttt tggggaggta cctggtttttg gttaaaagga   60
ccaaaacaag ggggaaaaag ggggtaaaaa accttggccc cgggggggtgg ttttttgggg   120
gggggggggac tttcccacac tttaataaaa caaccaacgt tgtgggacaa aaaaattatt   180
tggtttaaaa aatgcctggc gaacgg   206

<210> 9413
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(275)
<223> similar to gi5052319 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9413
gccgagcatg agcaagccag tgagtgggtc ccgcagcccc ctggacccag ggccaagcat   60
ggcggctgcc aaggtggctt taactgagag agcagatcca actgagctta taacaatatt   120
tttgaagtat gcaagcattg agaaaaatgg tgaattttc atgtctccca atgactttat   180
cactccatac ttgaacattt ctggagaaag ccagcctaac ccaaagactg tggaactttt   240
aagtggggtg gtgggtcaga ccaaagatgg gaggaatgtt gtcccagcgt tgatgatgct   300
aagtttgatc acttgatgaa ggtggcatcc accagctatt tccattttct cgtgccg   357

<210> 9414

<211> 675
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (470)...(599)
<223> similar to gi861207 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

```
         <400> 9414
caccaggggt ggccctgagc gccggcgaca cctttcctgg actataaatt gagcacctgg    60
gatgggtagg gggccaacgc agtcaccgcc gtccgcagtc acagtccagc cactgaccgc   120
agcagcgccc ttgcgtagca gccgcttgca gcgagaacac tgaattgcca acgagcagga   180
gagtctcaag gcgcaagagg aggccagggc tcgacccaca gagcaccctc agccatcgcg   240
agtttccggg cgccaaagcc aggagaagcc gcccatcccg cagggccggt ctgccagcga   300
gacgagagtt ggcgagggcg gaggagtgcc gggaatcccg ccacaccggc tatagccagg   360
cccccagcgc gggccttgga gagcgcgtga aggcgggcat cccccttgacc cggccgacca   420
tccccgtgcc cctgcgtccc tgcgctccaa cgtccgcgcg gccaccatga tgcaaatctg   480
cgacacctac aaccagaagc actcgctctt taacgccatg aatcgcttca ttggcgccgt   540
gaacaacatg gaccagacgg tgatggtgcc cagcttgctg cgcgacgtgc ccctggctga   600
ccccgggtta gacaacgatg ttggcgtgga ggtaggcggc agtggcggct gcctggagga   660
                                                                    675
gcgcacgccc ccatt
```

<210> 9415
<211> 508
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (209)...(510)
<223> similar to gi1429314 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

```
         <400> 9415
gtctgctgcc cggggcccgc aggtggcagg ccggtggggc tggtacagcc cgcgccgcct    60
ctgctgcagc cgctgccgtc tactccttgc gcgctggcac tccgcagcct ttaaggttcg   120
cgcgggggcc aggcaagagt tagccatgaa gagcctcaag tcccgcctga ggaggcagga   180
cgtgcccggc cccgcgtcgt ctggcgccgc cgccgccagc gcgcatgcag cagattggaa   240
taaatatgat gaccgattga tgaaagcagc agaaaggggg gatgtagaaa aagtgacgtc   300
aatccttgct aaaaagggg tcaatccagg caaactagat gtggaaggca gatctgtctt   360
ccatgttgtg acctcaaagg ggaatcttga gtgtttgaat gccatcctta tacatggagt   420
tgatattaca accagtgaca ctgcagggag aaatgctctt cacctggctg ctaagtatgg   480
                                                                    508
acatgcattg tgcctacaaa aacttcta
```

<210> 9416
<211> 491
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (145)...(291)
<223> similar to gi309270 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9416
gggccacctg cgagtgtgcg cacggactct ggacacccgc ggcggcgagc tgagggagca   60
gtctccacga ggacccaggc ggaccctctg gcgccatgcg gccctccccg gcctgctgga   120
ggccagggcg cgtacgcccg gctgctcctc ctccagtgcc ttctcgctgc cgcgcgccca   180
agctcggcgg acggcagtgc cccagattcg cctttacaa gtccacctct cagagaagaa   240
ataatggcaa ataacttttc cttggagagt cataacatat cactgactgg aaggaaagca   300
aactgcagaa gcacagcaaa ctgcagaagc acctgcaaag tattatagga aacagtgaga   360
caacgattag ggcttggagg atggcctacc attaagaaaa actgtgttgc actttaagtt   420
atgtaaaact atgtttagtt gaaaatgtgt attttaaaa tattttgatt gcactgttca   480,
ttttatcatc g   491

<210> 9417
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(554)
<223> similar to gi4583537 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9417
ccgggatcgc gctgatgtgg ccccaacccc gcctccctcc ccgccccgcg atgtcggaag   60
aaacccgaca gagcaaattg gccgcagcga agaaaaagtt gagagaatat cagcagagga   120
atagccctgg tgttcctaca ggagcgaaaa agaagaagaa aataaaaaat ggcagtaacc   180
ctgagacaac cacttctggt ggttgccact cacctgagga tacacccaag gacaatgctg   240
ctactctaca accatctgat gacaccgtgt tacctggcgg tgtcccttcc cctggtgcca   300
gtctcactag catggcggca tctcagaatc atgatgctga caatgtccct aatctcatgg   360
atgaaaccaa gactttctca tcaaccgaga gcctgcgaca actctcccaa cagctcaatg   420
gtcttgtttg tgagtctgcg acatgtgtca atggggaggg ccctgcatcg tctgctaacc   480
tgaaggatct ggagagccgg taccaacagc tagcggtaac cctggactcc agctatgtaa   540
caaacaaaca a   551

7747

<210> 9418
<211> 988
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(989)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (368)...(960)
<223> similar to gi403007 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9418
```
gtgtaggcca gggggttggc ggtgccgtgt catggaggct cagtctctga gcagccattg    60
aaggggaagg aactgcgggt gtgtgtgtgt atgtgtgtgt gtatgtgtgt gcgcgcgtgc   120
gtgcgtgtgt gtgcgcgcgc tagtgtgtgg acaaggaggt ggggcagct gagttagagt    180
cccaactctt ggactccatt tgctattctc ttctttctcc cccacaccta tctggtggtg   240
gtagtgggcg tttatatttg cgttcctttt cattcatttc taaatctctt aaaaattttg   300
ggttgggggt attggggaag gcaggaaagg gaaaaggaga gtagtagctg aagagcaaga   360
ggaggacatg gagatgaaga agaagattaa cctggagtta aggaacagat ccccggagga   420
ggtgacagag ttagtccttg ataattgcct gtgtgtcaat ggggaaattg aaggcctgaa   480
tgatactttc aaagaactag aatttctgag tatggctaat gtggaactaa gttcgctggc   540
ccggcttccc agcttaaata aacttcgaaa attggagctt agtgataata taatttctgg   600
aggcttggaa gtcctggcag agaaatgtcc aaatcttacc tacctcaatc tgagtggaaa   660
caaaataaaa gatctcagta cagtagaagc tctgcaaaat cttaaaaatt tgaaaagtct   720
tgacctgttt aactgtgaga tcacaaacct ggaagattat agagaaagta tttttgaact   780
actgcagcaa atcacatact tagatggatt tgatcaggag gataatgaag cgccggactc   840
tgaagaggag gatgatgagg atggagatga agatgatgaa gaggaagagg aaaatgaagc   900
tggtccaccg gaaggatatg atgaagagga ggaggaagag gaggatgagg atgaggatga   960
acatcatgat taggcangat cagaggtg                                      988
```


<210> 9419
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (221)...(3)
<223> similar to gi3043654 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9419
```
ccggaatgct gtttttggta tcaattcctc attgagtttt atatactttt caagggcagc    60
atttgttttt ttaacaattt tagcgtcctt aagatattta ttttcttttt ccaggttgtc   120
atttttcatt gtgcatattt cctgtcggag tatagcaata tctgtcttca aaatgcaatt   180
ttcatccatc agatctttca tttcttcctg attatgaaaa tcctaaataa aacaaaagaa   240
agttttagct agtactcaat aaaatatcat gattacctct gaagttaaag ataaacctgc   300
acatccatat actaaaaagg ttactgtaa                                     329
```

<210> 9420
<211> 1445
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(1446)
<223> similar to gi1813429 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9420
```
cggagcgggg ctctgaggag acactttttt tttcctccct ccttccctcc tctcctcctc    60
ccttcccttc ccctctcctc ccctctctcc tccttccccc ctcggtccgc cggagcctgc   120
tggggcgagc ggttggtatt gcaggcgctt gctctccggg gccgcccggc gggtagctgg   180
cgggggggagg aggcaggaac cgcgatggcg cctcagaagc acggcggtgg gggagggggc   240
ggctcggggc ccagcgcggg gtccggggga ggcggcttcg ggggttcggc ggcggtggcg   300
gcggcgacgg cttcgagcgg caaatccggc ggcggggggct gtggaggcgg tggcagttac   360
tcggcctcct cctcctcctc cgcggcggca gcggcggggg ctgcggcgtt accggtgaag   420
aagtcgaaaa tggagcacgt ccaggctgac cacgagcttt tcctccgggc ctttgagaag   480
ccaacacaga tctatagatt tcttcgaact cggaatctca tagcaccaat atttttgcac   540
agaactctta cttacatgtc tcatcgaaac tccagaacaa acatcaaaag gaaaacattt   600
aaagttgatg atatgttatc aaaagtagag aaaatgaaag gagagcaaga atctcatagc   660
ttgtcagctc atttgcagct tacgtttact ggtttcttcc acaaaaatga taagccatca   720
ccaaactcag aaaatgaaca aaattctgtt accctggaag tcctgcttgt gaaagtttgc   780
cacaaaaaaa gaaaggatgt aagttgtcca ataaggcaag ttcccacagg taaaaagcag   840
gtgcctttga atcctgacct caatcaaaca aaacccggaa atttcccgtc ccttgcagtt   900
tccagtaatg aatttgaacc tagtaacagc catatggtga agtcttactc gttgctattt   960
agagtgactc gtccaggaag aagagagttt aatggaatga ttaatggaga aaccaatgaa  1020
aatattgatg tcaatgaaga gcttccagcc agaagaaaac gaaatcgtga ggatggggaa  1080
aagacatttg ttgcacaaat gacagtattt gataaaaaca ggcgcttaca gctttttagat  1140
ggggaatatg aagtagccat gcaggaaatg gaagaatgtc caataagcaa gaaaagagca  1200
acatgggaga ctattcttga tgggaagagg ctgcctccat tcgaaacatt ttctcaggga  1260
cctacgttgc agttcactct tcgttggaca ggagagacca atgataaatc tacggctcct  1320
attgccaaac ctcttccac tagaaattca gagagtctcc atcaggaaaa caagcctggt  1380
tcagttaaac ctactcaaac tattgctgtt aaagaatcat tgactacaga tctacaaaaa  1440
aaaaa                                                               1445
```

<210> 9421
<211> 680
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (535)...(681)
<223> similar to gi4240307 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9421
gtaaccagtt acaaaggata aacttggtaa taagttaagc atttaggcag gtaaaagttg   60
caataaagca ttttcctgga tttaaactgt aaagaagaag aagaagaaaa gattttgaag   120
tataatacaa aatacaaaga gttgcctgcc agaattaatc ctcagtcata tataagttgg   180
cttaaatact tccatcaaaa actaaatcaa aacaaacccc cacccacaa aacacagagc   240
acaaactgct cagtttttca tcatgctatt aagcatcaac agagaataaa cctagaaaca   300
gcatacgggt acagatacac tctttgaggg acacgggtct gaaagaagga agtgaaagga   360
tggctgagtt ctgagtgagg aaaggagcct gggaagaaga gaaaggggct tggggatgga   420
gagagtcaga aattggggggc gaggttagga gggtgcccag gaagaaagtg aggattagga   480
agccaagccc ctggacctca ggaccccatg gctctgtgtg tcccttata ctctcagaac   540
cctgacatcg tccttgtgca ctacctgaac gtcccagccc tggaggactg tggaaagggc   600
tgcagcccca tcttttgttc catcagcagc gaccgtcgag agtggctgaa gtggtcccgg   660
gaggagttgt tgggacagct   680

<210> 9422
<211> 713
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (398)...(697)
<223> similar to gi2204213 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9422
cgcgcccctg ccgcggcccc tagctcgcgc ctcagctccc tccccttttcc gggcaggccc   60
gtcccgtcag caaggcagtg agcaccgcgg ccagcagagg gcggtccgga cccaagtctg   120
cagcggcgcc attggcgtgt ggaaaatgcc accagatggc gggttaggat tgcagctccg   180
ttgaaggcgc ggccccccgct cccgaacccc cggcgaccac cccgtaacaa cccccccaca   240
tcgggaataa cacaccggag acttttgggg ggaaactagg tcgatggtcg gcggcgcccg   300
gatgggcagc tgaggattgc ctttgaggtt attttaaaag ttttgagttg tacagcactt   360

```
gattattttg  ctgcattgtg  aaaggacctc  tccagcaatg  attacttcag  aattaccagt      420
gttacaggat  tcaactaatg  aaactactgc  ccattccgat  gctggcagcg  agcttgaaga      480
aacagaggtc  aaaggaaaaa  gaaaaagggg  tcgtcctggc  cggcctccat  ctacaaataa      540
gaaacctcga  aaatctccag  gtgagaagag  cagaattgaa  gctggaatta  gaggagcagg      600
ccgtggaaga  gctaatggac  accctcaaca  gaatggggaa  ggggagcctg  tcacattatt      660
tgaggtggtg  aaactgggga  aaagtgcaat  gcagagatgt  tgacctttct  aat             713
```

```
        <210> 9423
        <211> 387
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (305)...(389)
        <223> similar to gi3114816 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9423
agaaacccag  agattgtgcc  acctggaccc  tttcaccttc  ccagactccc  aaattttgat       60
attttctaa  actgagttct  cttccaccca  ccattctcct  actccaagat  cttaggactt      120
gaggatttcc  ctagttcctg  gttttccaaa  tggaagtcac  agtcaccaac  atccaggatc      180
tgtctgaact  gtaggcatcc  tccctgcccc  gaccctggta  ctagtgtttc  caaaaggctg      240
cagggctcag  cctgatccct  gttgcctgac  tattcctgcg  atcaagctgg  tcccttctt      300
cagggcagtt  cctccagatg  tgcagacctt  gcgcgccttc  accactgagc  tggttgtaga      360
ggctgtggtc  cgctgcctgc  gtgtgat                                            387
```

```
        <210> 9424
        <211> 736
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (136)...(656)
        <223> similar to gi3402679 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9424
ctctctgatg  tgaactgtgc  tgtgcacctc  tgctctctct  ttcaccagcg  ttatgctgac       60
tttgccccat  cacttcttca  ggtctggaaa  aaacattttg  aagcaaggaa  agaggagaaa      120
acacctaaca  tcgccaagtt  aagagctgat  ttgcgtttta  ttgcagaatt  gacaatagtt      180
gggattttca  ctgacaagga  aggtctttcc  ttaatctatg  aacagctaaa  aaatattatt      240
```

```
aatgctgatc gggagtccca cactcatgtc tctgtagtga ttagtttctg tcgacattgt        300
ggagatgata ttgctggact tgtaccaagg aaagtaaaga gtgctgcaga gaagtttaat        360
ttgagttttc ctcctagtga gataattagt ccagagaaac aacagccctt ccagaatctt        420
ttaaaagagt actttacgtc tttgaccaaa cacctgaaaa gggaccacag ggagctccag        480
aatactgaga gacaaaacag gcgcattcta cattctaaag gggagctcag tgaagataga        540
cataaacagt atgaggaatt tgctatgtct taccagaagc tgctggcaaa ttctcaatcc        600
ttagcagacc ttttggatga aaatatgcca gatcttcctc aagacaaacc aacaccagaa        660
gaacatgggc ctggaattga tatattcaca cctggtaaac ctggagaata tgacttggaa        720
                                                                         736
ggtggtatat gggaag
```

```
<210> 9425
<211> 753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (100)...(748)
<223> similar to gi6017906 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
      <400> 9425
cgcggccgcg tcgaccggtg ctagcgacac gggagtggca aacgcatcct cttgccgttc         60
ccggtgtttg ggccttgcct gtgacggtgg gaaaagaaaa tggccttgct gtgctacaac        120
cggggctgcg gtcagcgctt cgatcctgag accaattccg acgatgcttg cacataccac        180
ccaggtgttc cggtctttca cgatgcatta aagggttggt cttgctgtaa gagaagaaca        240
actgattttt ctgatttctt aagcattgta ggctgtacaa aaggtagaca taatagtgag        300
aagccacctg agccagtcaa acctgaagtc aagactactg agaagaagga gctatgtgaa        360
ttaaaaccca aatttcagga acacatcatt caagccccta gccagtaga agcaataaaa        420
agaccaagcc cagatgaacc aatgacaaat ttggaattaa aaatatctgc ctccctaaaa        480
caagcacttg ataaacttaa actgtcatca gggaatgaag aaaataagaa agaagaagac        540
aatgatgaaa ttaagattgg gacctcatgt aagaatggag ggtgttcaaa gacataccag        600
ggtctagaga gtctagaaga agtctgtgta tatcattctg gagtacctat tttccatgag        660
gggatgaaat actggagctg ttgtagaaga aaaacttctg attttaatac attcttagcc        720
                                                                         753
caagagggct gtacaaaagg gaaacactgt att
```

```
<210> 9426
<211> 550
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (180)...(304)
<223> similar to gi4877280 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 9426
```
atcggctgtc agcctccctg gctgttagta ccttctttcc cggagtcctg gtccacgagt      60
tggatttact gctgtcgcgg gtgggcctca cgcccattcc ctgtccctcg gtccctgag      120
tgaggccggt ctcccggcga aagtgagcga ggattgcccg gagcgcgcac gaggggaaaa     180
tgcctaaaaa aaagactggt gcgaggaaga aggttgagaa ccgccgagaa cgtgaaaaac     240
aactaagagc atcaagaagc actatagatt tagctaaaca tccatgtaat gcctcaatgg     300
tatcagcttt ttttgatatc agttggtagt tggaaaaact atatactatt ttatctgacg     360
tatacctgaa taaaatttta gtgaagacag tgtttttgca tatagtttgt tgctgaattt     420
agtatctctg gcacgtctgt tgatttcact gagtggcagt gattgttgtt ggatttata     480
ttattataaa acctagcata ttactttaca tactgttggt gataaaggta gatattggac     540
aagaatagat                                                            550
```

<210> 9427
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (230)...(308)
<223> similar to gi1122422 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9427
```
tgaatatgga attaatttct aagaagctaa attgcccaaa aaagtagttt tatttttaag      60
tagtaaattt aagttacata tcactttctt taaattgcat ttaatatgcc aatttaaata     120
aaatagcatt tttcattctt aagtttattg ggattgggta ttaataaaaa gtcatttaca     180
gcattgaaat cttttgggat gaatggatat aggcatttt ttttcttctc aggtatattc      240
aagagcaaat gaccaagagc catgtgggtg gtggttggct aaagttcgga tgatgaaagg     300
agaagtaagt actcttcaca cttgctttgn                                      330
```

<210> 9428
<211> 732
<212> DNA
<213> Homo sapiens

<220>
```

<221> misc_feature
<222> (1)...(733)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (428)...(734)
<223> similar to gi415956 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


      <400> 9428
agttttttaa ggggnnccag nnnatcgaga tccttagtcc acgtggtgga attcgtttga        60
ttgctgaggc tgctgggagg ccgaaggtgg gcctggaaag ctttacttta agaagtctgt       120
ggcctacaga ggctgccagc agctcagcag gagttgggcc aaaggaggtt gttgtgaggc       180
aggagatggg cctgtagacg cactgggagg atgagctcgt cctggagatg ccgagttaag       240
gacattctgg gcctggacag gctgcaaaag gcaaaagctg tgcctggaaa agtcgccatg       300
gggcatgagc ttggcctaaa gaggccactg caaggcagga gctggccctg tagaggctgc       360
agaaaggcag gagcttcgcc tgaggatgcc acagtgagac accatctggg tctggagggt       420
ccgttaggac ccagagggaa ccatggaaac cccagcgcag cttctcttcc tcctgctact       480
ctggctccca gatatcaccg gagaatttgt cttgacgcag tctccaggca ccctgtcttt       540
gtcaccaggg gaaagagcca ccatctcttg tagggccact gcgagtgtgc acgtcagctc       600
catatcttgg tatcaacaaa agcctggcct gcctcccaga ctcctcctct atgctacgtc       660
catcaaggcc tctggcaccc cagacaggtt ccgtgcttct gggtctgaga cagacttcac       720
tctcaccatc ac                                                          732


      <210> 9429
      <211> 396
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (140)...(392)
      <223> similar to gi3127083 in the genepept database release 114,
          Run with FASTXY 3.3t00, default parameters


      <400> 9429
cacggggaag acgaactccg cacactgcat ttgattaatg atttattttg attacgccgt        60
cacagtgacg ccttagagca gtccctgttc acccgggtcc cagcctcgac cccgcacgga       120
cagcgaggga acttctgcaa tgtcccatca acctctcatc tgcctcactg aaaaggagga       180
cagccccagt gaaagcacag gaaatggacc ccctcatttg gcccatccaa acctggacac       240
atttaccccg gaggagctgc tgtctctgac gactcatctc ctgaccgaca cccatcctct       300
gagacagtcc atgaagtttt tgacatcgtc gctgatgggg agactcgaga agcttctggg       360
ctggtgtgag agacatggct cgagaaggcc cgttcc                                 396

<210> 9430
<211> 1061
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (192)...(1064)
<223> similar to gi4432953 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9430

```
tagttgacga aaacaaaaat gaatccaaaa tagaaagaga acataaaaga cggacatcta      60
cccctgttat catggagggg gtacaggaag agactgacac aagagatgta aaaaggcaag     120
tagaacgctc agaaatttgc accgaagagc cccagaaaca gaaaagcaca cttaaaaacg     180
aaaagcatct aaagaaagat gattctgaaa caccacattt gaaaagccta cttaagaaag     240
aggtgaaatc ctccaaggag aagcctgaaa gagagaaaac tccatcggaa gacaaattgt     300
ctgtgaaaca taaatataaa ggtgattgta tgcataaaac aggtgatgag actgagcttc     360
actcttctga gaaaggttta aaagtagagg aaaatattca aaagcaaagt caacaaacaa     420
agctttcttc agatgataaa accgaacgaa aaagtaaaca taggaatgaa aggaaattat     480
cagtattagg caaagatgga aagccagttt ctgaatatat tataaaaaca gatgagaatg     540
ttcgtaaaga aaacaacaaa aaagagagac gcttgtcagc tgaaaaaact aaggcagagc     600
acaaatcaag aaggtcaagt gattctaaaa ttcagaaaga ttctctgggt tccaagcaac     660
atggtatcac attacagaga agaagtgaaa gttattcgga agataagtgt gatatggact     720
ccactaacat ggatagtaat ttgaaaccag aagaggttgt tcacaaggag aaacgacgaa     780
caaagagctt gttagaagag aaacttgtgt tgaagtctaa atcaaaaact caaggcaaac     840
aggtaaaagt tgtagaaaca gaattacaag aaggtgccac aaaacaggca accactccaa     900
aaccagacaa ggagaagaac acagaagaaa atgactcaga aaaacagcgt aagtctaaag     960
ttgaagacaa accttttgaa gaaactggtg ttgaacctgt attagagact gcttcttctt    1020
cagcacatag tacacagaag gattctagtc atagagccaa g                        1061
```

<210> 9431
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (150)...(401)
<223> similar to gi349075 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9431

```
gcgagccgaa gcggctgcat ctggcgccgc gtctgccccg cgtgctcgga gcggattctg      60
cccgggggtcc ccggagcggt cggcgccccg ctgagcccgc gatcacttac tccctgtgac    120
```

```
caaccggcgc tgcaggttag agcctggcaa tgccgatgga gtgtgtgact ctgggcgaca      180
agaagaacta taaccagcca tcggaggtga ctgacagata tgacttcggg acaggtcatc      240
acgacgtgag tgccgggcct gtcagtgagg agttttgtga aatcttccgg gccaaggaca      300
agacgacagg caagctgcac acctgcaaga aggtccagaa gcgggacggc cgcaaggtgc      360
ggaaagctgc caagaacgag ataggcattc tcaagatg                              398
```


```
        <210> 9432
        <211> 468
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (85)...(427)
        <223> similar to gi4186185 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```


```
        <400> 9432
agctgcacag cctgaataga agggctggtc cagcggcggc ggaggctggc gctgtcctga       60
gagggagggc tctgtgcgga agagatgaat cggacaaagg gtgatgagga ggagtattgg      120
aacagctcca agttcaaggc ttttacctt gacgatgaag acgatgagct ttcacagtta       180
aaggagtcca agcgggcggt gaacagcctc cgagacttcg tggatgatga tgacgatgat      240
gacctggagc gagtcagctg gagtggggaa cctgtgggaa gtatctcatg gtccatcaga      300
gagactgctg gtaatagcgg ctcaacccac gaggggcgtg aacagctaaa gagccgaaac      360
agcttctcct cctatgcaca actacccaag cctacttcta cctactccct gagcagcttt      420
tttagaggta gaactagacc tggaagtttc cagtcccttt ctgatgct                  468
```


```
        <210> 9433
        <211> 1093
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (336)...(1096)
        <223> similar to gi606976 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```


```
        <400> 9433
cgagcgcgag cgagcgtgat atgaggagaa agagagagag cagagagcga gcggagagcg       60
aggtgtagag aaaccgaggg ggagagaacc cgagtgtgtg tatgcgtgtg cgtgtgtgag      120
cgcgagcgag cgagcgagag agaggagcga gagagtgtga gcgagaaaga ataaaaggaa      180
agaagatttt ctctatgtat ataaagatgg ccacgttagc aaacggacag gctgacaacg      240
```

```
caagcctcag taccaacggg ctcggcagca gcccgggcag tgccgggcac atgaacggat       300
taagccacag cccgggggaac ccgtcgacca ttcccatgaa ggaccacgat gccatcaagc     360
tgttcattgg gcagatcccc cgcaacctgg atgagaagga cctcaagccc ctcttcgagg       420
agtttggcaa aatctacgag cttacggttc tgaaggacag gttcacaggc atgcacaaag       480
gctgcgcctt cctcacctac tgcgagcgtg agtcagcgct gaaggcccag agcgcgctgc       540
acgagcagaa gactctgccc gggatgaacc ggccgatcca ggtgaagcct gcggacagcg       600
agagccgagg agaagataga aaactcttcg tggcatgct caacaagcaa cagtccgagg        660
acgacgtgcg ccgccttttc gaggcctttg ggaacatcga ggagtgcacc atcctgcgcg       720
ggcccgacgg caacagcaag gggtgcgcct ttgtgaagta ctcctcccac gccgaggcgc       780
aggccgccat caacgcgcta cacggcagcc agaccatgcc gggagcctcg tccagtctgg       840
tggtcaagtt cgccgacacc gacaaggagc gcacgatgcg gcgaatgcag cagatggctg       900
gccagatggg catgttcaac cccatggcca tcccctttcgg ggcctacggc gcctacgctc     960
aggcactgat gcagcagcaa gcggccctga tggcatcagt cgcgcagggc ggctacctga      1020
accccatggc tgccttcgct gccgcccaaa tgcagcagat ggcggccctc aacatgaatg      1080
gcctggcggc cgc                                                         1093
```

<210> 9434
<211> 775
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (206)...(777)
<223> similar to gi4835727 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9434
```
atgctccgga ccccgctggc gccccagcga gatgatcacg gctcacagcg cgctttcgga        60
ttgggaagcg cacgagtcca gcaccaccga cgaggatctc gcaggccgga gagcggcgaa       120
cgggagcagc gagaggggcg gcgccgtcag cacccccgac tatgggggaga agaagctgcc      180
acaggcgctc atcatcgggg tcaagaaagg agggacccgc gcgctgctgg aggcgatccg       240
cgtgcacccg gacgtgcggg cggtgggcgt agagccgcac ttcttcgaca ggaactacga       300
aaaggggttg gagtggtaca gaaatgtgat gcccaagact ttggatgggc aaataaccat       360
ggagaagact ccaagttact ttgtgacaaa tgaggctccc aagcgcattc actccatggc       420
caaggacatc aaactgattg tggtggtgag aaaccccgtg accagggcca tctctgacta       480
cacgcagaca ctgtcaaaga aacccgagat ccccacctt gaggtgctgg ccttcaaaaa       540
ccggaccctc gggctgatcg atgcttcctg gagtgccatt cgaatagga tctatgcgct       600
gcatctggaa aactggctcc agtatttccc cctctcccag atcctctttg tcagtggtga       660
gcgactcatt gtggaccccg ccggggaaat ggccaaagta caggattttc taggcctcaa       720
acgtgttgtg actgagaagc atttctattt caacaaaacc aagggggttcc cttgc          775
```

<210> 9435
<211> 1416
<212> DNA
<213> Homo sapiens

7757
```

<220>
<221> misc_feature
<222> (271)...(1417)
<223> similar to gi3327086 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9435
gaacagggag cagacgttct gcaagtaggg agcacttcat gagtggcaag tgtggtgtct   60
ctggtggtgt tccaacggac actccctctg gaatgtcatg agaattaaaa actggggcat   120
aagggaagaa gatggctgag aatggagcct cggtttctat gtctgtaaaa caactgccag   180
gaactcctgc caccgccacc ggctcccatg gcccacatac ccagtggggg tgccccagca   240
gcgggggcag cccccatggg cccccagtat tgcgtgtgca aggtggagct gtcagtgagt   300
ggccagaacc tactggaccg ggatgttacc tccaagtccg accccttctg tgtcctcttt   360
acagagaaca atggcagatg gatcgagtac gacaggacag aaaccgcgat caacaacctc   420
aaccccgcct tctccaagaa gttcgtgctt gactaccact tcgaggaggt acagaagctc   480
aagttcgcgc tctttgacca ggacaagtcc agtatgcggc tggacgagca tgacttcctg   540
ggccagttct cctgcagcct gggcacgatc gtctccagca agaagatcac taggcctctg   600
ctgctgctga atgacaagcc tgcgggggaag ggcttgatta cgatcgctgc ccaggagctg   660
tccgacaacc gcgtcatcac actaagcctg gcgggcagga ggctggacaa gaaggacctc   720
tttgggaagt cagacccctt tctggagttt tataagccag gagacgatgg caagtggatg   780
ctggtccaca ggactgaggt gatcaagtac acactggacc ctgtgtggaa gccattcaca   840
gtgcccttgg tgtccctgtg tgatggggac atggagaagc ccatccaggt catgtgctac   900
gactatgaca atgacggggg ccatgacttc atcggcgagt tccagacctc agtgtcacag   960
atgtgtgagg ctcgagacag cgtcccgctg gagttcgagt gcatcaaccc caagaagcag   1020
aggaagaaga agaactataa aaactcgggc atcatcatcc tgcgatcctg caagataaac   1080
cgagactact ccttccttga ctacatcctg ggaggctgcc agctcatgtt caccgttgga   1140
atagacttta cagcctccaa cgggaatccc ctcgaccctt cctctttgca ctatatcaac   1200
cctatgggca ccaacgaata tctgtcggcc atctgggctg ttgggcagat cattcaggac   1260
tacgacagtg ataagatgtt tccagctctg ggattcgggg cccagttacc cccagactgg   1320
aaggtctccc atgagtttgc catcaacttc aaccccacca accccttctg ctcaggtgtg   1380
gatggtattg cccaggcgta ctcagcttgc ctgccc   1416

<210> 9436
<211> 474
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (281)...(458)
<223> similar to gi5726236 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9436
cactggtccc accatcaaga atatggatgg cacatttaat gtcactagct gcttgaagct   60
gaactcctct caggaagacc ctgggactgt ctaccagtgt gtggtacggc atgcgtcctt   120

7758

```
gcatacccc ttgaggagca actttaccct gactgctgct cggcacagtc tttctgaaac    180
tgagaagaca gataattttt ccattcattg gtggcctatt tcattcattg gtgttggact    240
ggtttatta attgttttga ttccttggaa aaagatatgt aacaaatcat cttcagccta    300
tactcctctc aagtgcattc tgaaacactg gaactccttt gacactcaga ctctgaagaa    360
agagcacctc atattctttt gcactcgggc atggccgtct taccagctgc aggatgggga    420
ggcttggcct cctgagggaa gtgttaatat taatacatat tcaacaactg tatt          474
```

<210> 9437
<211> 492
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (158)...(494)
<223> similar to gi1814396 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```
<400> 9437
aagaggtagt gagcggtgtt tcaggatgtg agggcccgca ggagccgagt caggctctct     60
ccactgcctg cccgccaccg tgcaagctct ggccggcgct gcccacagtc cccatggtgg    120
gcagcccccg cggcggggac ccctgatcgg cagcggcatg ccagggaagc ccaagcacct    180
gggcgtcccc aacgggcgca tggttctggc tgtgtcagat ggagagctga gcagcacgac    240
ggggccccag ggccagggcg agggccgcgg cagctctctc agcatccaca gcctccccag    300
tggtcccagc agcccttcc caaccgagga gcagcctgtg gccagctggg ccctgtcctt     360
cgagcggctg ttgcaggacc cgctgggcct ggcttacttc actgagttcc tgaagaagga    420
gttcagcgcg gaaaacgtga ctttctggaa ggcctgcgag cgcttccagc agatcccggc    480
                                                                     492
cagcgatacc ca
```

<210> 9438
<211> 596
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (123)...(596)
<223> similar to gi2662167 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```
<400> 9438
caagcttata tccttaatca cctaaagatc agagtgtgaa gaaacaaacc tgtgacagat     60
ctgtggttga ggtttagact acgggaggag tatattacct gactttcttt gtaacttgta    120
```

```
ccatgactgg ggcagagatt gagcctagtg cccaggccaa gcctgaaaag aaggctgggg    180
aagaggttat cgctgggcct gagagagaga atgatgtccc tctggtggtc agacccaagg    240
ttaggaccca ggcaactact ggggcaaggc ccaaaactga gaccaagtct gtgcctgcgg    300
caaggcccaa aactgaggcc caagcaatgt ctggggcaag gcccaaaact gaggtccaag    360
taatgggtgg tgcaagaccc aaaacggagg ctcaaggaat cacaggggcc aggcccaaaa    420
ccgatgccag ggcagtaggt ggcgctcgtt ctaaaactga tgccaaggca atccctggag    480
caaggcccaa ggatgaggcc caggcatggg cccagagtga atttgggact gaagcagtgt    540
cacaggcaga aggagtgtcc cagactaatg ccgttgcttg gccactggcc actgcg        596
```

<210> 9439
<211> 1164
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (296)...(809)
<223> similar to gi5912374 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9439
```
gcccataggg gaagatggcg gctgctcctt tggaggagcg ggattgagag gatcggggtg     60
gggagaccaa acaagagaga catttctggc tctgaaggcg aacgcttcgc tggccattta    120
ggagctctgc tcaaagccag acgtatccta gaaggaaaac atcaccatgg ctacagaaat    180
tggttctcct cctcgttttt tccatatgcc aaggttccag caccaggcac ctcgacagct    240
gttttataag cgacctgatt ttgcacaaca gcaagcaatg caacagctta cttttgatgg    300
aaaacgaatg agaaaagctg tgaaccgaaa aaccatagac tacaatccat ctgtaattaa    360
gtatttggag aacagaatat ggcaaagaga ccagagagat atgcgggcaa ttcagcctga    420
tgcaggttat tacaatgatc tggtcccacc tataggaatg ttgaataatc ctatgaatgc    480
agtaacaaca aaatttgttc ggacatcaac aaataaagta aagtgtcctg tatttgttgt    540
taggtggact ccagaaggaa gacgcttggt cactggagct tctagtgggg agtttaccct    600
gtggaatgga ctcactttca attttgaaac aatattacag gctcacgaca gcccagtgag    660
ggccatgacg tggtcacata atgacatgtg gatgttgaca gcagaccacg gaggatatgt    720
gaaatattgg cagtcgaaca tgaacaacgt caagatgttc caggcacata aggaggcgat    780
tagagaggcc aggtttatac acaatatacc attttctgta gtccctattg tcatggttaa    840
attattctct aagtgtattc tgggtgcaga gatgcatggg ctctgtcagt ttctgggaaa    900
ctttctgcac cctataaaca caatattttt ctttgttttc acacattcac cattttgctg    960
ggcacctttc tgaagtagtg ttgtcccggt atcagccttt gcaatatgtt agagatgtac   1020
tgtctgccgc attttgcact ggttttctct tttcatttat gattaataat gtgtatacgt   1080
tattcctttt tattatctac tgtgtaagac aagaatattt cattccaaat aaagaattca   1140
gtctttaatt atgaaaaaaa aaaa                                          1164
```

<210> 9440
<211> 326
<212> DNA
<213> Homo sapiens

7760
```

<220>
<221> misc_feature
<222> (135)...(326)
<223> similar to gi5733517 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9440
attctagaat gcatgaggaa ccttgggggct cacaaagtcc accacttcac tttgcagatg      60
tacacacaga ggcacagaaa gtttatgcac ttgtccaagg tcacgtgtgg agttttattc     120
atcctattct ttgcttctgc tattgcctgt cagattgtgt ctatcttttg tgttcttttt     180
attgtgttat tcatgttcta tttctatttt tgtctttttg gttatgtttt gtatgttgtt     240
atatttgtta tttattatat ttgttttgta tgcattgtgt ttgtttgtta acgtgtttat     300
ttgcttttgt ttgttatgtg tttttg                                         326

<210> 9441
<211> 493
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (127)...(494)
<223> similar to gi4159888 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9441
cccacgcgtc cggttggcat taaacatcaa gagataccat tcattcaaca tatctatcag      60
aagggcacgt ccaccatcag cacaatgaga tctcatactc aagaggatcc ttttctatgc     120
aatgacttag gagaagattt cactcaacat atagcattga ctcaaaatgt gattacctac     180
atgagaacga aacacttgt aagcaaaaag tttgggaaaa tcttcagtga ctggttatcc      240
tttaatcaac acaaggaaat tcacaccaaa tgtaaatcat atggaagtca tctatttgat     300
tatgccttta tccaaaactc tgcccttaga ccacacagtg tgactcacac tagagagata     360
acattggaat gtcgtgtgtg tgggaaaacc tttagcaaaa attctaatct taggcgacat     420
gagatgattc acactggaga gaaaccacac ggatgtcatc tatgtgggaa agcctttact     480
cattgctctg atc                                                        493

<210> 9442
<211> 449
<212> DNA
<213> Homo sapiens

<220>

<210> misc_feature


<221> misc_feature
<222> (17)...(451)
<223> similar to gi4960169 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


<400> 9442
ctgagatcct gagacaatga atcatagtga aagattcgtt ttcattgcag agtggtatga        60
tccaaatgct tcacttcttc gacgttatga gcttttattt tacccagggg atggatctgt       120
tgaaatgcat gatgtaaaga atcatcgcac ctttttaaag cggaccaaat atgataacct       180
gcacttggaa gatttattta taggcaacaa agtgaatgtc ttttctcgac aactggtatt       240
aattgactat ggggatcaat atacagctcg ccagctgggc agtaggaaag aaaagaaaga       300
agcattggat tttcatgtag atcaccagtc aagacccttt ttcaatgagc tgatccagtt       360
tattacaact ggtcctatta ttgccatgga gattttaaga gatgatgcta tatgtgaatg       420
gaaaagactg ctgggacctg caaactctg                                         449


<210> 9443
<211> 655
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (434)...(657)
<223> similar to gi3789797 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


<400> 9443
ggtcagttgc agctttgacc cctatacgat cccgtccgga attccagtaa cgacccacgc        60
gtacgctgag atgaagcgcg atctataggc ttgaccctaa gtcaatgggc ccgcctactt       120
ctgcctcgcg gggtcccagg catatagctg gttattcagg tttcgttgga agaaatacgt       180
tctcgtcccc ctgaaaggcc cagtccagtc aggtgatgga ctcctccctg aaactgcacg       240
aggtcacctc tcctatcccc gtattccgtt tggatcctta tgccaacgtg ttaggaaggc       300
cccctctggt gggtttttgta ctgtctctag catttgacac ttaatattta aacaccacca       360
atgaggtgga cgtcctactc acgggactga gtttccaaac gggccagaga gcagcacgtg       420
agcattttgc aggtgcacaa agcagggtca tcagaagcct ctcgattcaa aagatgataa       480
taccgaaaaa cactgcccag tgacagtgaa tccttggcat atgaagaaag ctttcaaagt       540
catgaacgaa ttaagaagtc aaaatttgct gtgcgatgtc acaattgtgg cagaagacat       600
ggaaatttct gctcatagag tggtgctggc cgcctgtagt ccttatttc atgcc           655


<210> 9444
<211> 349
<212> DNA
<213> Homo sapiens


7762

<220>
<221> misc_feature
<222> (134)...(231)
<223> similar to gi3152705 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters


<400> 9444
ttagaagtga gttaaatttt cacattccca agggtacttt tgtctcgggt tgttgaatat      60
attttaaagt gtttataata atcacttcaa aatatttagg taattaactg taaattatgt     120
tttggtattc tccagggaca gtggccttag agctattgag aatttgatgc aaaagaaggg     180
gaaatttgat tacatactgt tagagaccac tggattagca gaccctggta agaagtgaga     240
ttattaataa ccagaatata gttctgtgat atattgtaaa tagatgtatt agaggaatat     300
ctaaaatgag gattaaagct tttgttagta ttaaaccaaa aacttttt              349


<210> 9445
<211> 464
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (199)...(462)
<223> similar to gi4512304 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters


<400> 9445
agccaagacg cctcgatgta ccagtgcacc acgtgcagac agtgcaccat gcacagctca      60
cagagcctac ggggcaagtc agtatctgcg attcatagct ctgcaattat cgcaggcatg     120
gatcgagctg ttccctgcac gtgatcagca ctcactacgc catttccccc tcaactccac     180
ctaccccatc tccctcatgc tgctatttta aaaggtgtcc agtgtgaggt tcatctggtg     240
gaatctgggg gagacttggt aaacccgggg gggtccctta gactctcctg tgcaggatct     300
ggattcattt tcagcaatgc ctggatgagt tgggtccgcc aggctccagg gaaggggctg     360
gagtggattg gccgtgttaa agatgtaagt gacggtgcgc ttataaaata tggaccaccc     420
gtggaaggca gattcttcat ctcaagagac gactcaaaag agac                 464


<210> 9446
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature


7763

<222> (142)...(453)
<223> similar to gi4512296 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


<400> 9446
ctccatccac tgcattgagt agtgaccccg acgtggggtt caatgtggag gggggagggg      60
ctgctgcggc agctgcagga gccgaggtgc caggccttgt tcttctcatg ccggcatccc     120
tgcttgcagc tgtgaagggg gcaggtcacc ttgaaggagt ctggtcctgt gctggtgaga     180
cccacagaga ccctcactct gacctgcacc gtttctgggt tctcactcaa caatgttatc     240
agcaatgcta gagtgggtgt gagctggatc cgtcagcccc cagggaaggc cctggagtgg     300
cttgcaaaca ttttttcgga tgacgaaaaa tcctacagca catctctgga gggcagactc     360
accatctcca aggacacctc caaaagtcag gtggtcctca ccatgaccag catggaccct     420
gtggacacag ccacatatta ttgtgcacgc at                                  452


<210> 9447
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(200)
<223> similar to gi28547 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


<400> 9447
cagactcaga gagaacccac catggtgctg tctcctgccg acaagaccaa cgtcaaggcc      60
gcctggggta aggtcggcgc gcacgctggc gagtatggtg cggaggccct ggagaggatg     120
ttcctgacct ttcccagcat caagacctac ttcccgaact ttgacctgat ctacggatct     180
ggggatttta atggctactt attgatggcg gacaatttct gaggcaactg tgaagataca     240
ttgttcatta tatttgaagt ttggaatact tgccttcatt tattaatccg ctcctgattt     300
tatgggttat tagatttctg atgttccg                                       328


<210> 9448
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(383)
<223> similar to gi5360105 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
    <400> 9448
ctgcaacaga tgaaatggaa agtagttcct atagagatag gtctccacac agaagcagcc      60
ctagtgacac caggcgtaaa tgtggatttt gccatgtagg ggaggaagaa aatgaagcac     120
gaggaaaact gcatatattt aatgccaaga aggcagttgc ccattataag tgcatgttgt     180
tttcttctgg cacagtccag ctcacaacaa catcaagagc agaatttgga gactttgata     240
ttaaaactgt acttcaggag attaaacgag gaaaaagaat gaaatgtaca ctttgcagtc     300
agcctggtgc tactattgga tgtgaaataa aagcctgtgt taagacttac cattcccact     360
gtggagtaca agacaaagct aaatacattg aaaat                                 395
```

```
    <210> 9449
    <211> 446
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> misc_feature
    <222> (29)...(448)
    <223> similar to gi3170755 in the genepept database release 114,
        Run with FASTXY 3.3t00, default parameters
```

```
    <400> 9449
tttcgtcatg gatctcatgt gcaagaaaat gaagcacctg tggttcttcc tcctgctggt      60
ggcggctccc agatgggtcc tgtcccaggt gcagctgcag gagtcgggcc caggactggt     120
gaagccttcg gagaccctgt ccctcacctg cgctgtctat ggtggctcca tcagcagtag     180
tactacttac tactggagct ggatccgcca gcccccaggg aagggctgg agtggattgg      240
ggaaatcaat catagtggaa gcaccaacta caacccgtcc ctcaagagtc gagtcaccat     300
atcagtagac acgtccaaga accagttctc cctgaagctg agctctgtga ccgccgcgga     360
cacggctgtg tattactgtg cgagagttat catcccggta atacgagacc agtcgcaact     420
aggatattgt agtggtggta gctgct                                          446
```

```
    <210> 9450
    <211> 726
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> misc_feature
    <222> (634)...(715)
    <223> similar to gi6006496 in the genepept database release 114,
        Run with FASTXY 3.3t00, default parameters
```

<400> 9450

```
tttttttttt ttcgttccat gtttttatt tgtgcactgg gaaagaagtc ttccctccca      60
tcacatgagc cacgtggtga gtcctctgga ggcttgaaga ttatccccct ccctgggagt     120
cttgggccat ggagggtggg ggcggtgaac ggaaggggat tttgtctctg ccctcagcct     180
ggtgccctct ccttccagga atgtcccagc ggaattgtca atgaggagaa cttcaagcag     240
atttactccc agttctttcc tcaaggaggt gaggggacaa gggccaaggg gaagcagttg     300
tccttctcta ggctgaggga gggagggatt ccggaggagt tgggaatgcc aaggtgatgg     360
ggggtatggg gagctcctta gagggaggaa gtcctctcct gtgtggaagc caacttctcc     420
acactcaccc tgcagactcc agcacctatg ccacttttct cttcaatgcc tttgacacca     480
accatgatgg ctcggtcagt tttgaggtga gctgggcgag gtgggccagg gaagcctgtt     540
tcctggagtt cagggccagg atctccaggc caaacccaga gaaggagttg ggtgaagagt     600
acccgaggac acagctccct cctgcctcct tcccaggact ttgtggctgg tttgtccgtg     660
attcttcggg gaactgtaga tgacaggctt aattgggcct tcaacctgta tgaccctgca     720
ctccgg                                                                726
```

<210> 9451
<211> 763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (172)...(761)
<223> similar to gi3133092 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9451

```
gagccacttt cccgtccctc cactgtggag ctgcgttcct gtgagggagg aggccctctg      60
tggtggcgag ggtgagctga gcggacgccg ccgagtcgaa taagaataaa agattctgga     120
ggagttggag aagagtgtat tcagcccca aaccacgaga tcaacaaaga aatgcacaat      180
tttgaggaag agttaacttg tcccatatgt tatagtattt ttgaagatcc tcgtgtactg     240
ccatgctctc atacattttg tagaaattgt ttggaaaaca ttcttcaggc atctggtaac     300
ttttatatat ggagaccttt acgaattcca ctcaagtgcc ctaattgcag aagtattact     360
gaaattgctc caactggcat tgaatcttta cctgttaatt ttgcactaag ggctattatt     420
gaaaagtacc agcaagaaga ccatccagat attgtcacct gccctgaaca ttacaggcaa     480
ccattaaatg tttactgtct attagataaa aaattagttt gtggtcattg ccttaccata     540
ggtcaacatc atggtcatcc tatagatgac cttcaaagtg cctatttgaa agaaaaggac     600
actcctcaaa aactgcttga acagttgact gacacacact ggacagatct tacccatctt     660
attgaaaagc tgaaagaaca aaaatctcat tctgagaaaa tgatccaagg cgataaggaa     720
gctgttctcc agtattttaa ggagcttaat gatacattaa aaa                       763
```

<210> 9452
<211> 302
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (222)...(305)
<223> similar to gi5052123 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9452
agtccaggat gttgttaatt cagcatgcca atcagagaac ttgctctctg catgtggcac   60
ttcagtggtg ttttttgctaa tgcatgtatt caactttaa tgcctagccc caggatatag   120
tttgcaggca ctttaaatta aatggttgca gatggaatgg gaagttagag taaggtgtag   180
aaaattcatt tcttctcccg accctctctt gcttttctcc taggcttggc actgctgcac   240
caccaaaggc aaacttcatt gaagctgaca agtattttct tccattcgag ctagcttgcc   300
                                                                    302
ag

<210> 9453
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (57)...(301)
<223> similar to gi202862 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9453
cgcgagcccc gcggctgaga ccccgcagcc tggaggaggg ctgtccgggg ctttgggttg   60
cacgttttca aaaaatacct aatggtgaaa atgagacaat gattcctgta ttgacatcaa   120
aaaaagcaag tgaattacca gtcagtgaag ttgcaagcat tctccaagct gatcttcaga   180
atggtctaaa caaatgtgaa gttagtcata ggcgagcctt tcatggctgg aatgagtttg   240
atattagtga agatgagcca ctgtggaaga agtatatttc tcagtttaaa aatcccct   298

<210> 9454
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(114)
<223> similar to gi180635 in the genepept database release 114,

7767

Run with FASTXY 3.3t00, default parameters

<400> 9454
attaaggtat gtgaggagtt gttaatttct caattctcac cagaaaaaag aaaagaaatc   60
attaaccca gctgtgccag ttgaatctaa accggataaa ccatcgggaa aggtatgaag   120
acaacagtgt ccttctacat gagacagtta ctcatatgct ctgtatttat cataatctga   180
tttcttgtgg gcaaataata tgaggggggt aatttaaagg accattttaa tgaattattg   240
tttcaagcta atattgaaag tgtgggttgg aagtatggtt ttcacactca tgtttgtaac   300
acttgctatt ataaccccctt ttttaaaaaa a   331

<210> 9455
<211> 341
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(144)
<223> similar to gi758069 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9455
ggcacgagga agaggatgat cctaaacaaa gctctgctgc tgggggccct cgctctgacc   60
accgtgatga gcccctgtgg aggtgaagac attgtggctg accacgatgc ctcttgtggt   120
gtaaatttgg accaatttta cgtattctat gtcgatattt cattatgaat tttagcggat   180
acggttttca gtgttcgtat cttccgtagt gtgccttata tgagtgttag tgctctgaat   240
gtgagagcga gcagtggctt gagcaacacg tatttcttgt atggtccagt tccgttactt   300
gttgcgggtt gtacgttccg tgtagttagt ttgctggtcc t   341

<210> 9456
<211> 2870
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (243)...(2807)
<223> similar to gi5732618 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

```
gcgaccgctc gcccggaccc tgaggctgct gggcccaccc tcccggaacc gtccgaccct   60
cggtggcctc ggcctcttct gccatctccg gtcctaccct ggggcggagg gtggaaggca  120
gcttccgtcg aagaggaggg ggctgcggtg gccaccgcgg cggagcccga gttattttac  180
caagaaaatg gtttgcacga ctttgaacat atactatcca tgctgatggg acaggatcca  240
atatgaatat aaatgatgga ggaagacgac gctttgaaga taatgaacat acattacgga  300
tatatcctgg ggctatttca gaagggacaa tctactgtcc gattcctgcc agaaaaaact  360
ccacagctgc tgaggtgatt gagtctctta taaacaaact tcatcttgac aaaacaaaat  420
gttatgttct agcagaggta aaggaatttg gtggagaaga atggattctc aatccaacag  480
attgtccagt tcagcgaatg atgctgtggc cccgaatggc tctggaaaat cgcttaagtg  540
gagaggacta ccgcttcctt ctgagagaga aaaaccttga tggatcaatc cattatggta  600
gcctgcagtc atggctacgg gtaacagaag aacgtcgcag gatgatggaa cggggttttc  660
ttccacagcc tcaacagaaa gactttgatg atttatgtag tttacctgat ttgaatgaga  720
aaactctctt agaaaaccta cgaaatcgct ttaagcatga aaaaatttat acctatgttg  780
gcagtattct aatagttatt aacccattca gtttcttcc tatttataac cccaaatatg  840
tcaaaatgta tgataaccac caactgggaa aacttgagcc ccacatttat gctgtggctg  900
atgtagctta tcatgccatg cttcagcgca aaaagaatca gtgcatcgtg atttcaggag  960
agagtggttc tgggaagact caaagcacaa actttcttat tcaccacctt actgctctca 1020
gtcagaaagg atttgccagt ggagtagaac agattattct tggagctgga ccagtacttg 1080
aggcctttgg aaatgcaaag acagctcata ataacaattc aagtcgtttt gggaagttta 1140
ttcaagtaaa ttaccaggaa acaggcactg tacttggtgc ctatgttgaa aaatatctac 1200
tggagaagtc cagactcgtt tatcaggagc ataatgaacg gaactatcat gtattctatt 1260
acctcctggc aggagcaagt gaagatgaga gatcagcatt ccatcttaag caaccagagg 1320
aatatcatta tctcaatcag ataacaaaga aacccctcag acagagctgg gatgattatt 1380
gctatgactc tgagccggat tgcttcacgg tggaaggaga agatttgaga catgactttg 1440
agcgcctaca acttgccatg gaaatggtag gatttcttcc caagacacga agacagattt 1500
tctctcttct ctcagccata ctacatttgg gtaatatctg ttacaaaaag aagacatacc 1560
gggatgactc cattgatatc tgtaatcctg aagttctgcc tattgtctca gaattattag 1620
aggttaaaga agagatgcta tttgaagcat tagttacaag gaagacggtg acagtgggag 1680
aaaagcttat tttgccatac aagttggcag aggctgtgac agtgaggaac tccatggcta 1740
agtctctgta tagtgccctg tttgactgga tagttttcg aattaatcat gcacttctga 1800
atagtaaaga tttagagcat aataccaaga cattgtctat tggtgttctt gatattttg 1860
ggtttgaaga ttatgaaaat aacagctttg aacagttctg tattaatttt gctaatgaac 1920
gtttacagca ctactttaat cagcatatct ttaaattgga acaagaggaa tatagaactg 1980
aaggtatcag ctggcacaac atagattaca ttgataatac ctgctgcata aatcttatta 2040
gcaaaaaacc aacaggactg cttcatcttt tggatgaaga aagcaacttt ccacaggcta 2100
caaatcaaac attgctagac aagtttaagc atcaacatga agataattct tacatcgaat 2160
ttccagccgt gatggagcct gctttcatta taaacatta tgctggaaaa gtaaaatatg 2220
gggtaaagga tttccgggaa aaaaatacag atcatatgcg cccagacatt gtagctcttc 2280
tgagaagcag caagaatgca tttatctctg ggatgattgg aattgatcct gtagctgttt 2340
tccgatgggc aattctccga gctttttca gagccatggt tgctttcagg gaagctggga 2400
aaagaaacat tcacagaaaa actggacatg atgatacagc gccatgtgca attttgaaaa 2460
gtatggatag ttttagcttt ctccaacacc cagtccacca gaggagctta gagattctgc 2520
agagatgcaa ggaagagaag tacagtataa cccggaaaaa tcccagaaca cctctttctg 2580
atctccaggg catgaatgct ctaaatgaaa aaaccaaca tgatacattt gatattgcct 2640
ggaatggcag aactgggatt cgccagagca gactatcaag tggcacctcc ttgcttgata 2700
aagatggaat atttgctaat tcaactagca gcaaactcct ggagagagcc catggaattc 2760
tcacgagaaa caaaaatttc aaatccaagc ctgcccttcc aaaggtgagt actatgaaaa 2820
cttttttgt attggtattc tgctacacaa ttattttta ttactcatag             2870
```

<210> Homo sapiens

<220>
<221> misc_feature
<222> (109)...(351)
<223> similar to gi509291 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9457
ggcacgaggg gcattttgcc ctggaggagc tggcccaagc tggctatgag gtggttgggc   60
ttgactggac agtggcccca aagaaagccc gggagtgtgt ggggaagact gggaccttgc   120
atatcaccct caacccgtgc cttttgtaca cgtcagccaa accttgcact tataccacct   180
atacctgaat acggaggctt cattcgctac ggactgacac ctgaggaatt cttccacttt   240
ctttatacta atactgtagg atcattaccc tatgtactcg aaactgggct aatcacctac   300
actatacect ctgaagcaaa tattattatc acgtacacct tctatgccct   350

<210> 9458
<211> 620
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (121)...(276)
<223> similar to gi452286 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9458
aggaaactgt taaaattgta ttcaacaatc cttgttcgat atctcctttg atatttaaac   60
ttttaccagt gtattaaaat gatgtctttg cattcagaag gttaaagaaa tttgtttttt   120
aaagtcagga agcatctaaa tatggtgtcc tccggaaaaa agtattccag gaaatctggg   180
aagccgtctg tggaagatca gtttacgaga gcctatgact ttgagactga agataagaaa   240
gatctgagtg gatcagagga agatgttatt gaaggtgcag tacatctcat gttgggcagt   300
gatgtccttc agttcatttg ttttgaaccc attgagacta tcgtacaact tagtttgtaa   360
agcattttca ggtatggtct tccctccccc ggtatttgtg gttacagaac ctgctgacac   420
ggatggccag ctgtacttgt gtttctcatt tgatccttat attgcagtat cggagttaca   480
gaagcttatt cggcaactct tgcttttgca gttatttcca aaatatctga tatatagtat   540
gtggcttact gtgacattaa cccagggaga cttgaaaaat tattcctata aaatggtcct   600
gaatcctgat ttaatttcac   620

<210> 9459
<211> 184
<212> DNA·

<210> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(186)
<223> similar to gi28547 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9459
ggcacgagcc accatggtgc tgtctcctgc cgacatgacc aacgtcaagg ccgcctgggg   60
taaggtcggc gcgcacgctg gcgagtatgg tgcggaggcc ctggaaagga tgttcctgtc   120
cttccccacc accaagacct acttcccgca cttcgacctg agccacggat ctgcccaggt   180
taag   184

<210> 9460
<211> 563
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (372)...(268)
<223> similar to gi4240307 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9460
tttttttttt ttaaaactga aatgaatttt aatacagaaa atgaagacag gcattttgca   60
aatttatcac tcaaaggggt atctctattt gaggaaatca gcgtgttaca ctttgaaaga   120
tgaaatgtta cagcttgtac accaaaatta aaaaatgaaa ttaaattaaa aaatgaaatg   180
gttaccaagg taatgcaggt caggggatca aaggtgaagg gtcacacatt attaaaaaga   240
aatccaaaag gacggctgca tcatgatctc tcattagtgt tccagcggtg cctctctttt   300
ggtaaacttg aacatttcgg cagacattca agcagctttt tcggtaaaaa gattttaca   360
tgactactat tgctgttccc atgatcatct tctataggtg gcacggtgtt gagaacacag   420
taggtgctag ttccgcagaa tacactttgg gaaacgctct tccggcttgt tttcggcagc   480
catttcccct ccgcgcgcca catcctcctc ctcctcgcga ccgggacccc gagcgcgcgc   540
ctcgtaccgc cgccgccgcc ggc   563

<210> 9461
<211> 413
<212> DNA
<213> Homo sapiens

<220>

```
        <400> 9461
ccgcatcact gctttaggat tacacagtga ttggtgttta aattcctgct attttagcca      60
tccctttccc agacatcctt gcacagaagg aagctccaca cattgggcag ggcagtaacg     120
ggaacatctg tgtcctctcc acagatccac cgtgggcgcc ctgctggcat ctgagctggg     180
atggaaattc tatgatgctg atgattatca cccggaggaa aatcgaagga agatgggaaa     240
aggcataccg ctcaatgacc aggaccggat tccatggctc tgtaacttgc atgacatttt     300
actaagagat gtagcctcgg gacagcgtgt ggttctagcc tgttcagccc tgaagaaaac     360
gtacagagac atattaacac aaggaaaaga tggtgtagct ctgaagagtg agg            413
```

```
        <210> 9462
        <211> 754
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1)...(755)
        <223> n = a,t,c or g

        <220>
        <221> misc_feature
        <222> (208)...(542)
```

```
        <400> 9462
cttttgaaaa gcagtgaaaa aaagctacaa gaaacaccaa ctgaagcaaa tcacgtacaa      60
agactgagac aaatgctggc ttgccctcca catggtttac tggacagggt cataacaaat     120
gttaccatca ttgttcttct gtgggctgta gtttggtcaa ttactggcag tgaatgtctt     180
cctggaggaa acctatttgg aattataatc ctattctatt gtgccatcat tggtggtaaa     240
cttttggggc ttattaagtt acctacattg cctccactgc cttctcttct tggcatgctg     300
cttgcagggt ttctcatcag aaatatccca gtcatcaacg ataatgtgca gatcaagcac     360
aagtggtctt cctctttgag aagcatagcc ctgtctatca ttctggttcg tgctggcctt     420
ggtctggatt caaaggccct gaagaagtta aagggcgttt gtgtaagact gtccatgggt     480
ccctgtattg tggaggcgtg cacatctgct cttcttgccc attacctgct gggtttacca     540
tggcaatggg gatttatact gnggtaatga ttgtttcttt gtcatatgaa aatatgtagg     600
gacatttagg gctttccctg attgcataca agagaatgca taatagaatt ttcttataga     660
tatcagacaa tgcaacatag atgttacagc ataatttaaa tattctaact tccaacataa     720
gttatgtgtt aataggcgct aactcttaca gcta                                 754
```

```
<210> 9463
<211> 345
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (108)...(345)
<223> similar to gi1247390 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters


      <400> 9463
ggcacgagca aatcagcgat gtgtcacccc cagtctccca gccttttctt ctagtgagtc      60
gactttgagc tggaaagcag ccgtttctcc ttggtctaag tgtgctgcat ggagtgagca     120
gtacaagcct gcagcggcac aaatgcacct cccagtttgc tgggtttatt ttagagaatg     180
ggggcgggga ggcaccaccc cctcggcccc cgcagaacag acgcccccc attccctcgc      240
acccctcggc cgcgcgaccc ccggcgcgcc cccgcctctc tcccgcgccc cgccctacgc     300
cgcgttcgcc cttccaccct cctgcgctgc cccaccctcc ctacc                    345




<210> 9464
<211> 634
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (447)...(634)
<223> similar to gi2447219 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters




      <400> 9464
aggaatttgt agcacggtgt cagaataaaa taaagggtat ttcactgctt cttaatttct      60
ttcaattaga ctgagatctt tttcttaaag agagaagaac gtttttattg catgttattg     120
tttctgaaaa gagtaggccg tatttttactg agatcacgga tttgttatat attatgtttt     180
ggtcttctaa cattcttcag tggattttct ctaaagtagt acgtacagaa ggagttgaat     240
agaaaacagt aaatcatcac gtaataattc tgggattttt gggtttgtca caactgagaa     300
atattgctga tggtggatgg tcctcaagtg tgaaaatgtt ccttgtgaat tgcttgtatc     360
caaaatatac acacagcatt aagggctggt ttttattttt tatttttttcc aatcctcttt     420
tcttctcaag gtgtccaagt cacacagaac cacagaatct cacaggtgtc tcagaattcc     480
ttctcctggg actctcagag gatccagaac tgcagcctgt cctcgcttgg ctgtccttgt     540
ccatttacct ggtcacagtg ctggggaacc tgctcatcat cctggctgtc agctctgact     600
cccacctcca caccccata tacttcttcc agtt                                  634
```

<210> 9465
<211> 1037
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (132)...(269)
<223> similar to gi4929605 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9465
ggcacgaggc tgagccaggt ggagccctac tttcctctcc tgctttctgc ctgtgactag   60
cgccgtcccc taccgcccgt cgaccccact tccatgtctg gcggacacag ctccccggaa   120
cctccacgcc catggccact agacagaggg agtcttcctt cacctcctgc ttttccacct   180
ggaattgcga cgcgggcgac gagggcgtgg gctgcacctg cgaagatgct tccttgtgca   240
agaagcgcct gtcgggcgcg ggattcgggg ctggcatctg ggacgcggac tgaggtggga   300
ggcgggcctg catctgaaaa atacgctcgg aggctggcag gttgctgccc ccgcctcgca   360
cgaccctcgc ttcccacctg tgaaatgcac agaacagggc ttcatttatt taacgaatcg   420
tttctgagct cctgctgtga gccaggcttg gagcaagcct gggtactgtg gatgggagca   480
ggcccctgaa ccaggcggac ggggtcttgg cgttctcgga gctaaacgct gctagaaaga   540
caaacatgat gcacctaact actgtctccg tagattatga ggatgagagg tggaggttct   600
ctctctttta ggtatgatcc ccgttgtgca cctgaaactc aggcgatgac tttcagtgaa   660
ggaaatgacc tgtctagggc cacataatac ctgtttgaaa agccagtacc acactaagtc   720
tccactatta agggtgtgat ggtgagggtg gggtcgtagg gagcacaggt atgtgtcaga   780
aagagaaaac atgaggcttg agtgtcctcc atttattcac tcattcattc tacaaaaatg   840
gagagcttac tttgtgccag ggccttattt gggctggttg gtggggattc agtaatggga   900
atacaccaag aacaagacag acgtgctgcc agacatactg gaactcacgg tttagttggg   960
aaagactgac aggaaataat tatccatgag atacataatt aaaatttggt gttgtgccct   1020
gagaaataaa aaaaaaa   1037

<210> 9466
<211> 1673
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (896)...(1489)
<223> similar to gi54853 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9466
tttcgtgctc ggctttcgga gactgaaggg ccctggattc ccttgccccg tcgcgccgtc   60
gtccccccgc tatccggttt tgtgatggcc gcgccgtggc tgcctcccta gagtccctca   120

```
gcgccctta aataccgcgt tgggggggga cgctgggggct ggggggtttt gttgggctgg    180
tgagttttcg aggtgactgt gctgtgctcg gtgaggggac gcccagagag ccctgacccg    240
gggtcactcc gtcgccgttc tcctcttgtc tacgtgctgg acccggtgcg tatccatcac    300
gggggaggcg ttgccggctc ggaggtgacc ggccaggtcc aacggagggg acaccgctgc    360
agcccgaagg ctcccctgcc ctatctcgga actccatcct gggaaggcgg ggtcaggggc    420
catcaagctc ggctcctagt tcatgtcttc ccactccgcg tccccttgtt tgacctcgaa    480
ctgccgtccc gcgtgggatc ggggagcggg gcaccgagtg gccgccccgc gtgtcggggt    540
ggacacggac ttcgggcctc ggaggccgct tcgccgctgt ttaaatcctg ctggacccgg    600
tgctaccttt ttacccacac ttaagtgacg caaaatgccc ttcaatggcg agaagcagtg    660
tgtgggagag gaccagccaa gcgattctga ttcttcccgg ttttccgaaa gcatggcttc    720
gctcagtgac tatgaatgct ccaggcagag ctttacaagt gactcctcca gcaaatccag    780
ctctcctgct tcaacaagcc ctccaagggt tgtaacattt gatgaagtga tggctacagc    840
aaggaactta tcaaacttga ctcttgctca tgagattgct gtaaatgaga actttcaatt    900
gaaacaagag gctctcccag aaaagagttt ggctggtcga gtgaagcaca ttgttcacca    960
ggccttctgg gacgtcttgg attcagaact aaatgctgac cctcctgagt ttgaacatgc   1020
catcaaactg tttgaagaaa tcagagagat tcttctctct tttctcactc ccggtggcaa   1080
ccggcttcgc aaccaaatct gtgaagtttt ggacacagac ctcattaggc agcaggctga   1140
gcacagtgct gttgacatcc aaggcctggc caactatgtc atcagtacga tgggaaagct   1200
gtgtgctccc gtgcgagata atgatatcag agagttaaag gctactggca acatcgtgga   1260
ggtgctgaga caaatattcc atgtcctgga cctcatgcaa atggacatgg ccaatttta    1320
aattatgagt ctcagaccgc accttcaacg ccagttggtg gaatatgaga gaaccaagtt   1380
ccaggaaatt ttggaagaaa ctccaagtgc tcttgatcag actacagaat ggataaaaga   1440
atctgtaaat gaagaattat tttctctttc tgagagtgct agtttggggc ctgcttggag   1500
atcaattcct ctaatttctg tgtttgtgtc attcaaaaga attgataatt aaaaaaaaaa   1560
tgcaaccaac agaatctcta taaaatcata tatgtttaca attaaatcat tcttacaagt   1620
aatgagatgg tatggatttg ttctcaagtt attggatgga aatgcaatgg att          1673
```

<210> 9467
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(203)
<223> similar to gi4454702 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9467
```
ggcacgaggc ggcgctgtgt cggacccgtg ctgtggctgc cgagaggcat tttctgcgag     60
tgtttctctt cttcaggccc tttcggggtg taggcactga gagtggatcc gaaagcggaa    120
gttccaaagc caaggagcct agaacgccct caagcagcta cgggaccgcc caataccgac    180
gctggccaat agcccaggag tataaacact gcaccgcgca caatgacaca ggcactctct    240
gctccgagct gagagaacca tggaggagac cgcagtagac agagccactg aactcatgac    300
aacgtgaagc gaactagaaa gtaatactc                                      329
```

7775

<210> 9468
<211> 333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (179)...(335)
<223> similar to gi953239 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9468
```
ggcacgaggt aattctttca ctcgtaacag attgctgtgg gtgggttttt aggggactca      60
ttattactta tgatggtaat tctaacattt ttacactttc acttttatc ctatattacc      120
cctttactca ttcattctgt cgaatacttt tagctgacct attcattacc gccctatagt     180
gtgcactatt ggcagagcca gatgcctgat ggagaccctc attcccttg ctttttctgg      240
ctacctggct aacatcctga tattctttcc tgtaggaaaa gttatagatg acatcgacca     300
cctttcccta gagatctggc ttttcgcagg aag                                  333
```


<210> 9469
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (70)...(156)
<223> similar to gi303710 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9469
```
ggagcgggcg ggccagcgcc gcggagtttc gggtccgagg agcctcgcgc ggcgctggag      60
agagacaaga tgtccgccag agctgcggcc gccaagagca cagcaatgga ggaaacagct     120
atatgggaac aacatacagt gacgcttcac agggtaagtt tgtgttgcag taagtaatct     180
gtgtataact caggatactg gcagctttga aaacaataga ggaaagccag atgtcaggaa     240
gccagaggga ggaggaaact ttttctatat tcttttgttt aaaattagag ttacaataat     300
ttttttattaa ggtcaaaagt gagcatgatt acttttcat atatcctttt gagtatttgc     360
tgttttttatt cctgacttaa aaagtgattt gcttttaaaa ttttgagtga tcagataaaa     420
gactctgtac attagtataa attattataa actgcttcaa cctttctgag tatatatgca     480
tccattgtgg gagtgaagtt tgaaattaaa ccaggttgta tgcataataa aatcctaaaa     540
gatacttaat tgatttcaaa catgttgacc caagctgttg cttaaacaat tgcagatgcg     600
agaagagaga tgagtagtag taagagatga gttcttactt ggtgggacta agaactttgt     660
ccgaagtgag actgctatca atttgaattc tggttctgcc tttctcttgc tttagaaatg     720
gggaagtgat tcagtcacct tcgaaaacct tggttttcac aagtttaaaa tggaacaagt     780
tgacaccagt tcatgctta ccaatttgta aagttaagtg tctctcaaaa ttctctttcc     840
tctctttcaa gagagct                                                    857
```


                                7776

```
<210> 9470
<211> 88
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (33)...(91)
<223> similar to gi28547 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters
```

```
<400> 9470
ggcacgagcc acagactcag agagaacccca ccatggtgct gtctcctgcc gacaagacca      60
acgtcaaggc cgcctggggt aaggtcgg                                          88
```

```
<210> 9471
<211> 1092
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (679)...(925)
<223> similar to gi3417296 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters
```

```
<400> 9471
ggcacgagga atttgaaact gcttagagaa tagaggtaaa aaggaatttc cttctttggg      60
taagagtgga tccaaaccat atattctctg gctattagcg tctccagagg tgtgtggtca     120
tttttgtta tggtgattcc caaagatttg cagtgttggc aagtacccaa aatttatctc      180
agctggtcat aaaccttagt gccttttgat ggttttgttt tatagagtta cttattaaag     240
ttctatgtaa atcattactg ttatcctttt aagtttctgt atttaactat taccattttt     300
tattttatag tcattacata ttggatatta tgtagaatgt agttatgtat agagtgtttt     360
atctacttat ttgttgctgc ccttttctga gagttattta atacagtttg agatggaatt     420
tagcattttt gggccttccc tcactgtttg taaataattg attttgtaaa aagaaagtaa     480
tatcagacag atacttgagg gcaatgcagg ctagacagac tgtagtattt agagtggaga     540
aaatttcaac cttttatgta gtttgaatag aaatttaaaa aaccacttaa gacattcttt     600
tgtaagatgt attactcgtg tcatcataga aaacttaagc cttttgtgtg tgttttttgt     660
ttgcattaaa ataaacacag tagcaaattg cttcaggagt tgagacagga gggagcttgc     720
tgtcttggcc ttctttgtgc ttctctgagc tatgaggctg agaagatctt caagtggatt     780
tttagcaaat ttagctcatc tgcaaaagat gaagttaaac tcctctactt atgtgccacc     840
tacaaagcac tagagactgt aggagaaaag aaagcctttt catctgtaat gcaggtaaga     900
atgaaggggg aaaaatgcat gatgtacttg ggaagaaaat tgtcccttaa cacatgtcct     960
```

```
tggaggggag cttgaagaag ggaaacatag aatagggggtt atctactgat aggaaatatg     1020
ttttaaaaat tcctctttct cagtttgagt aaaggataca ctgttcaagg atcagtgcta     1080
catacatata tg                                                         1092
```

```
<210> 9472
<211> 671
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (171)...(404)
<223> similar to gi5080758 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters
```

```
<400> 9472
ggcacgagga agcaacttgg aagaggaaag aaaagaagtc aggaatggcc cttactcaga      60
gtctcacacg ttgcccaggc tggagtgcag tggcatgatc cctgctcatt gcaacctccg     120
cctccctgat tcaaaggatt tttccacctc agcttctcat gtagctgaga ttacagggac     180
ccttgaaatt catggatgtg gccatagagt tctctcagga agagtggaaa tgcctggacc     240
ctgcgcagag gactttatac agggacgtga tgttggagaa ttataggaac ctggtctccc     300
tgggaatctg tcttcctgac ctgagtgtta cctccatgtt agagcaaaag agagatccct     360
ggactctgca gagtgaagag aaaatagcaa acgatccaga cggcagggag tgcatcaaag     420
gtgtgaacac agagaggagc tctaaattgg gaagtaatgc aggaaacaag ccttgtaaaa     480
atcaacttgg attcactttt cagttacatc tgagtgatct acagctattt caagctgaaa     540
ggaaaatttc tgggtgtaag cattttgaaa aacccgtcag tgacaattcc tcagtttccc     600
cgcttgaaaa aatttcttcc agtgtcaaat cccacctttt aaataaatat agaaataatt     660
ttgaaaaaaa a                                                          671
```

```
<210> 9473
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(289)
<223> similar to gi182403 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters
```

```
<400> 9473
ggcacgaggc ggcgagacgg tccccgccat gtctgcggcc atgagggaga ggttcgagcg      60
gttcctgcac gagaagaact gcatgactga ccttctggcc aagctcgagg ccaaaaccgg     120
```

```
cgtgaacagg agcttcctag ttatcgagcg caacctactg ctggccttgt acctggtgct    180
cgaccatctc atctctttcc aatgtcagct gctgcgatac ggctacctgc tctacatctc    240
tatcctctta ccacatgagc tcacctttga tcaaaacctc caatggccct tcctgtactt    300
                                                                     335
tccgaaatct aggagactcc ttacattcac ttacg
```

<210> 9474
<211> 348
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (119)...(350)
<223> similar to gi412723 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
<400> 9474
ggcacgagga tacacgcacg cacttaaaag agagcatgtg gcatgttcat tgtggaacac     60
aatatgaata cagggcatgc attttgcagc agggagactg tccacaaaaa ccttttgtac    120
cggtcacggg agccctgtgg acatctgcac agccaagccg cgggacattc ccatgaatcc    180
catgggcatt taccgctccc cggagaagaa ggcgactgag gatgagggct cagaacagaa    240
gatcccggag gccaccaacc ggcgtgacgt ggaaccgacc aaggccaatt cccgctttgc    300
taccactttc tatcagcacc tggcagattc caagaatgac aatgataa                 348
```

<210> 9475
<211> 829
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (711)...(832)
<223> similar to gi4884106 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
<400> 9475
ggcacgagaa aaccagcagt tgcctttca tctcttttct gatgatctaa ccatgaagtc     60
cccagtattt gagcatttaa ggcagaatgt aaattcataa tttaagaaga ttttttgtta    120
cgtggctagc ccaggttgaa gaaatatgga gatcaacaca aaactgctca tcagtgttac    180
ctgtatcagc tttttcacct ttcagcttct tttctacttt gtaagttact ggttttcagc    240
aaaagtttct ccaggtttca atagtctcag cttcaaaaag aagattgaat ggaactcaag    300
ggtagtatcc acatgccatt ctttggtggt tggtattttt ggcctgtaca ttttcttatt    360
cgatgaggct actaaagctg atccactttg gggtggtcca tcacttgcaa acgtgaatat    420
```

```
tgctattgcc tcaggctacc tcatttctga tttgtccatt ataattttgt attggaaagt      480
gattggtgac aaattttta taatgcatca ttgtgcgtcc ctgtatgcat actaccttgt      540
actgaaaaat ggagtgctgg catacattgg gaattttcgc ctgcttgcag agctttccag      600
cccgtttgtg aatcagcgac caaaggctgt agtcactgga aacatggact tgttttcatc      660
tctaactctc cacctctcca cactcagcct gcagagcccg gccaacaatc aagacagatg      720
ggaccgtgtt cagaattcac acaaaagctg aaggatttat ggatgcggat atacctctgg      780
aattggggtt ccatttgcca gtcaattatc cttcatgtct acctggtat                 829
```

```
        <400> 9476
ggcacgaggg gctgctgact gttggaccgc acgctcctgc gcctgacagg ccggtgaccg       60
ttctagccct ggaacatgtc gggcaacaag cgcgggcgca acagccatgg ctgctaagga      120
taccggaaaa acacccgtgg agccggaggt ggctattcac cgaattcgaa tcaccctaac      180
acgccgcagc gtacaatcct tggaaaaggc gcgtgctgac ttgataagag gcgcgcaaga      240
accgaatctc aaagtgaaag gaccagttac aatgcctacc aatactttga gaatcactac      300
aagactaact ccttggggtg aaggttctaa gacgtg                               336
```

```
        <400> 9477
aggcccccac aggatgccgc tgtacctctt gaaagtgcag gctccgtagg acccaggggc       60
gagggagggg ttgctccccc aggggcagaa agcgctgtcc cgctgtacag aatcagcttc      120
agctacggtc tcctccaagc ggctgccgaa gatggcggag gtgcaggtcc tggtgcttga      180
tggtcgaggc catctcctgg gccgcctggc ggccatcgtg gctaaacagg tactgctggg      240
```

```
ccggaaggtg gtggtcgtac gctgtgaagg catcaacatt tctggcaatt tctacagaaa       300
caagttgaag tacctggctt tcctccgcaa gcggatgaac accaacccctt cccgaggccc       360
ctaccacttc cgggcccccca gccgcatctt ctggcggacc gtgcgaggta tgctgcccca       420
caaaaccaag cgaggccagg ccgctctgga ccgtctcaag gtgtttgacg gcatcccacc       480
gccctacgac aagaaaaagc ggatggtggt tcctgctgcc ctcaaggtcg tgcgtctgaa       540
gcctacaaga aagtttgcct atctggggcg cctggctcac gaggtt                      586
```

```
        <210> 9478
        <211> 1366
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (275)...(738)
        <223> similar to gi4929613 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9478
aattcgcaag atgttggtcc attttgagcg ctggagtcat cgttatgatg agtgtattta        60
ctgggatagc aatagattgc gaccccttga gagaccggca ctaagaaaag aagggctaaa       120
agatgaggaa gatttctttg attttaaagc tggagaagaa gttctggctc gttggacaga       180
ctgtcgctat taccctgcca agattgaagc aattaacaaa gaaggaacat ttacagttca       240
gttttatgat ggagtaattc gttgtttaaa aagaatgcac attaaagcca tgcccgagga       300
tgctaagggg caggattgga tagctttagt caaagcagct gctgcagctg cagccaagaa       360
caaaacaggg agtaaacctc gaaccagcgc taacagcaat aaagataagg ataaagatga       420
gagaaagtgg tttaaagtac cttcaaagaa ggaggaaact tcaacttgta tagccacacc       480
agacgtagag aagaaggaag atctgcctac atctagtgaa acatttggac ttcatgtaga       540
gaacgttcca aagatggtct ttccacagcc agagagcaca ttatcaaaca agaggaaaaa       600
taatcaaggc aactcgtttc aggcaaagag agctcgactt aacaagatta ctggtttgtt       660
ggcatccaaa gctgttgggg ttgatggtgc tgaaaaaaag gaagactaca atgaaacagc       720
tccaatgctg gagcaggtat gaaatggtag catttgattt ttttcaaggt tcccactgga       780
atgatcacgg agctctagta tctacgtaat tgaaattccc cttttgatca gatatgggaa       840
taggaagcta attaattgat gatatatttt taactctgcc ttctccaagg tatacagata       900
actacagact tcattagtgt ttgatttcat agactggcat taaagccttt gtctccaaaa       960
tttgaaggcc tggagacagg catcccaggg tataagcttc cagctggatc acctttaact      1020
agcttacaaa aagacccta cacaaatact ttccatttgt gagttaaaac agggtttttt       1080
gacatcgaat aaagcttctt ttgtaagaag tttcttttat attgtaacaa ttggtgttgt      1140
tagactgact atgtgtttta tgaattgatc aatgagccat acattttgc taggatgtat       1200
attttaataa ctacaaaaaa agagagttta aaaaactatt aagggtctgt ctttaaacca      1260
cctaatagag gaatttaaaa gtgaaggttg cagatgctag attttgcctt ggctaccttc      1320
agattcccac aatacttgta catattgaac tgtgcatgct ttacag                    1366
```

```
        <210> 9479
        <211> 478
        <212> DNA
```
```
                                  7781
```

<210> Homo sapiens

<220>
<221> misc_feature
<222> (78)...(478)
<223> similar to gi3859683 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9479
cggacgcgtg ggcggacgcg tgggcgagtc cggccgggca gtagaggaaa ttgcggtagt   60
gaccctcggg cctcgccatg aagagccgct ttagcaccat tgacctccgc gccgtactcg   120
cggagctgaa tgctagcttg ctaggaatga gagtaaacaa tgtttatgat gtggataata   180
agacatacct tattcgtctt caaaaaccgg actttaaagc tacacttta cttgaatctg   240
gcatacgaat tcatacaaca gaatttgagt ggcctaagaa tatgatgccg tctagtttg   300
ccatgaagtg ccgaaaacat ttgaagagtc ggagattagt cagtgcaaaa cagcttggtg   360
tggatagaat tgtagatttt caatttggaa gtgatgaagc tgcttaccat ttaatcattg   420
agctctatga taggggggaac attgttctta cagattatga gtacgtaatt ttaaatat   478

<210> 9480
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (160)...(378)
<223> similar to gi3342002 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9480
aagagctcag tctcttcacc aggggctccc agtccttcca tctgggaggc caaggcggct   60
tcgcgttctg agaatagacg gaacctctgt tactctgtga ccggcaggca ccgggagatc   120
cgtagctcag acgccaggac atcccggaag ctgggaaatg gtctcgctgt ctctaagccg   180
gacctgatca ccttttgga gcaaaggaaa gagccctgga atgtgaagag tgcagagaca   240
gtagccatcc agccagatat cttttctcat gatactcaag gcctcttaag aaagaagctt   300
atagaagcat cattccaaaa agtgatattg gatggatatg ggagctgtgg ccctcagaat   360
ttaaacttaa ggaaagagtg ggaaag   386

<210> 9481
<211> 320
<212> DNA
<213> Homo sapiens

7782

<220>
<221> misc_feature
<222> (19)...(303)
<223> similar to gi33742 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

        <400> 9481
atcgggggtg ccgcagccat ggcctggacc gctctccttc tgagcctcct tgctcacttt   60
acaggttctg tggcctcata tgaactgact cagccactct cagtgtcagt ggccctggga   120
cagacggcca caattacctg tggggggaaac aacattggaa ataagaatgt acactggtac   180
ctgcagaagt caggccaggc ccctgtgttg gtcatctata gggataagtt ccggccctct   240
gggatccctg agcgactctc aggctccaat tcggggaaca cggccaccct gaccatcagc   300
                                                                       320
ggagcccaag gtcgacgcgg

        <210> 9482
        <211> 828
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (204)...(831)
        <223> similar to gi212834 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

        <400> 9482
tgctctggtc cccaggagag gaagtgtctc tgatgaggga cctgcctgtg ggaagatcat   60
ggagctgtct ttgatcttcg gagaagtctg tcccaccact gcagtgacca cagttgtgtt   120
gggctcacac cagtgaaccg aagctctgga ttctgagagt ctgaggattc cgtgaagatc   180
tcagacttgg gctcaaagca aggatgcgtg aaattgtcca tattcagatt ggccagtgtg   240
gcaaccagat cggagccaag ttctgggaga tgattggtga ggaacacggg atcgacttgg   300
ctgggagcga ccgcgggggcc tcggccttgc agctggagag aatcagcgtg tactacaacg   360
aagcctacgg taggaaatat gtgccccgag cagtcttggt ggacctagaa cctgggacga   420
tggacagcat tcgatctagc aaattaggag ctctctttca acccgacagt tttgtccatg   480
gtaactctgg ggctggcaac aactgggcca aaggccacta cacggaggga gccgagctga   540
tcgagaatgt cctagaggtg gtgaggcacg agagtgagag ctgtgactgc ctgcagggct   600
tccagatcgt ccactccctg ggcggggggca caggctccgg gatgggcact ctgctcatga   660
acaagattag agaggagtac ccggaccgga tcatgaattc cttcagcgtc atgccttctc   720
ccaaggtgtc ggacacggtg gtggagccct acaacgcggt tctgtctatc caccagctga   780
                                                                       828
ttgagaatgc agatgcctgt ttctgcattg acaatgaggc cctctatg

        <210> 9483
        <211> 616

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (80)...(618)
<223> similar to gi3550602 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9483
```
tggggctcag ctggttcatt tatgttgttt ttcctgtacc taagttcccg ctgtaggtgg      60
tacctttgca gacggtgcga tgggggaagc agagaagttt cactacatct atagttgtga     120
cctggatatc aacgtccagc ttaagatagg aagcttggaa gggaagagag aacaaaagag     180
ttataaagct gtcctggaag acccaatgtt gaagttctca ggactatatc aagagacatg     240
ctctgatctt tatgttactt gtcaagtttt tgcagaaggg aagcctttgg ccttgccagt     300
gagaacatcc tacaaagcat ttagtacaag atggaactgg aatgaatggc tgaaactacc     360
agtaaaatac cctgacctgc ccaggaatgc ccaagtggcc ctcaccatat gggatgtgta     420
tggtcccgga aaagcagtgc ctgtaggagg aacaacggtt tcgctctttg gaaaatacgg     480
catgtttcgc caagggatgc atgacttgaa agtctggcct aattgtagaa gccagatgga     540
tcagaaaccc acaaaaactc ctggcagaac aagtagcact ctctcagaag atcagatgag     600
ccgtcttgcc aagctc                                                    616
```

<210> 9484
<211> 573
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (181)...(574)
<223> similar to gi3462505 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9484
```
aaacaatgtc ctccaccgag agaaacgtaa aggacacttg atcacacaat ccctggaata      60
atatccagga aacacttgct ggagccactc gcagcaccct tccctggcag cacacttggg     120
gacagcgagg agatgagcgc atctctgaat tacaaatctt tttccaaaga gcagcagacc     180
atggataact tagagaagca actcatctgt cccatctgct tagagatgtt cacgaaacct     240
gtggtgattc tcccttgtca gcacaacctg tgtaggaaat gtgccagtga tatttccag     300
gcctctaacc cgtatttgcc cacaagagga ggtaccacca tggcatcagg gggccgattc     360
cgctgcccat cctgtagaca tgaagtggtt ttggatagac atggggtata tggacttcag     420
aggaacctgc tggtggaaaa tatcattgac atctacaagc aggagtccac caggccagaa     480
aagaaatccg accagcccat gtgcgaggaa catgaagagg agcgcatcaa catctactgt     540
ctgaactgcg aagtacccac ctgctctctg tgc                                 573
```

<210> 9485
<211> 814
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (375)...(808)
<223> similar to gi62888 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9485
atctgtggga gcagtttatt ccagtatcac ccagggtgca gccacaccag gactgtgttg   60
aagggtgttt ttttttctttt aaatgtaata cctcctcatc ttttcttctt acacagtgtc   120
tgagaacatt tacattatag ataagtagta catggtggat aacttctact tttaggagga   180
ctactctctt ctgacagtcc tagactggtc ttctacacta agacaccatg aaggagtatg   240
tgctcctatt attcctggct ttgtgctctg ccaaaccctt ctttagccct tcacacatcg   300
cactgaagaa tatgatgctg aaggatatgg aagacacaga tgatgatgat gatgatgatg   360
atgatgatga tgatgatgat gatgaggaca actctctttt tccaacaaga gagccaagaa   420
gccatttttt tccatttgat ctgtttccaa tgtgtccatt tggatgtcag tgctattcac   480
gagttgtaca ttgctcagat ttaggtttga cctcagtccc aaccaacatt ccatttgata   540
ctcgaatgct tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gattttaaag   600
gactcacttc actttatggt ctgatcctga acaacaacaa gctaacgaag attcacccaa   660
aagcctttct aaccacaaag aagttgcgaa ggctgtatct gtcccacaat caactaagtg   720
aaataccact taatcttccc aaatcattag cagaactcag aattcatgaa aataaagtta   780
agaaaataca aaaggacaca ttcaaaaaaa aaaa   814

<210> 9486
<211> 574
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (162)...(304)
<223> similar to gi5881841 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9486
acgagggctc cagtcaggcc aatacgctcc gctcacggaa ggaaaacaga aataacttgc   60
tggcttgtct ggagtcacat gtacttaggt gacaatttac agaaagtcat ctctgcagct   120
tgatgggcga caaccctttt caaccaaaaa gtaattcaaa aatggcagaa ctgtttatgg   180
aatgtgaaga agaggagctg gaaccatggc agaagaaagt aaaagaagtt gaggatgacg   240
atgatgatga gccaatcttt gttggcgaga tatcaagttc aaaaccagca atttcaaata   300
ttttgaacag agttaacccc agctcatatt caaggggact aaagaatggt gcactcagtc   360

```
gaggtattac tgctgcattc aagcctacaa gtcaacacta cacgaatcca acatcaaatc      420
cagtgcctgc ctcaccaata aattttcatc ctgagtctag atcttcagat agttctgtta      480
ttggtcagcc tttttctaaa cctgtaagtg tttctaaaac tatacggcca gctcagggat      540
ccattggatg ttgtttatca atatcaacag tacc                                  574
```

```
<210> 9487
<211> 496
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (99)...(319)
<223> similar to gi487787 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9487
aaggtcacgc cgcggcgcga ttgacttcta aagagtcatg ctgggatgaa aaagcccaga       60
agagaaggaa gaggaaagca aaggagtcag ggatggctct tcctcaggga cacttaacat      120
tcagggacgt ggccatagaa ttctctcagg cggagtggaa atgcctggac cctgcacaga      180
gggctttata caaggatgtg atgttggaga actacaggaa cctggtctcc ctgggaatct      240
ctcttcctga cctgaatatt aactccatgt tggagcaaag gagggagccc tggtctggtg      300
agagtgaagt gaaaatagca aaaaattcag atgggaggga gtgcatcaaa ggtgtgaaca      360
cagggagcag ctatgcattg ggaagcaatg cagaagacaa accaattaaa aaacaacttg      420
gagtatcctt tcacttacat ctgtctgaac tggagctatt tccagatgac cgggtaataa      480
atggatgtaa tcaaaa                                                      496
```

```
<210> 9488
<211> 1590
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (900)...(1038)
<223> similar to gi2462488 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9488
ggcacgaggg aagttgcttt ttccatgatc tgacttggtt atatttccta ttaactgaca       60
aagcatttaa aaacagttaa aaattgtctc gacaggcatt ttaaatgtca agacattata      120
aaatacttta gatttataca gcaattgtga acacctttga caaatgaaca tgtctgttca      180
gcctttttgg tacccctttt tattttgctt aggtagatca aattctaagt tgatcttttc      240
```

```
tagcagcagg gtcagagtct agtgatcgtt tttaaaatgg cttagatgct acctttcttt    300
tctgagaact cagtgtgata taatccttat aagatattga cagctaattt tatggattat    360
cctaccggga cagtggaacc taagtagttt gaagacgaga aattgttttg attcagaagc    420
aatgggttca ctagtgaaag gaaagatccc acgatcgtaa gtggtaaatg tttatatttg    480
ttgaataact ctctgaaaaa aggaaataaa gtagattagc cttggtaaga ggtggcttaa    540
gagtggtttt atgatctaag tttttatttga aaaatgtgtg aaacttgttt aaggtaaatg    600
tgagaattaa taaaggaatt gagaagaaag atatttgatc gttttttgaa taacatttac    660
ctaattaaga agttaactac ttttctgagg catctttttt atccctctcc gttttcctcc    720
tcccaaaaga agttgttctt gattttaaaa gtttgataaa ttaacaaggt tgaaatttga    780
atatgatata cattgaatta agatttgttc agggctttct taattcagtt ctcaagtatg    840
aatttctcag gtctgaattt tttaggtaga aaattctcaa gtatgaattt cttttctagc    900
aattgcagag cctgtttttg ctgtggtcaa agctgactga tagactgtgg tttaagtcaa    960
cttattcaaa aatgtcttca accctgctgg tcgagacaag aaatctttat ggggtagttg   1020
gagctgaaag caggttaggc acctattaaa acatcacaga acaggttata ttgtggtttg   1080
aagaactgga tattccccaa tgttttaact gagtttatgt gcctaagtct tcaaaatggg   1140
gtttatagta tcaagtgagg ctgtttggtt cttctgaaaa acacactcat tttcctggac   1200
acatgggcta ggactttaat ccccaggtac atgcctattt ttgaaaaagc ctcctttttt   1260
aaggagggta actgtttatt taaaacaatc ctgtttccac cccaaatatg ttagcccctg   1320
taaaattgcc atttccaaaa gtttgaagaa accaaatttg ggaaagttaa taattcgcct   1380
ttcctatcct tcaaggattc aaattgaccg ttttttctcc ttttttttgtc ttttaactta   1440
ctgtaattat gccccaatag ttcgggtgcc aagtgtcacg cctataatcc cagcactttg   1500
agaggctgag gtgggaggat tgtttgagtc caggagtttg agacccagcc tgggcctcat   1560
                                                                     1590
tgcaagaccc ctgtcctaaa aaaaaaaaaa
```

<210> 9489
<211> 1807
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1808)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (341)...(1803)
<223> similar to gi3599942 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
    <400> 9489
cggaaatgca aatgcaccat catgttgtga cccatattgc gaaaattaga aaaaaggaag     60
ttgagtttcg ctattgcacg aagttcagcc cagaggagaa actcgctcgc cttcagaaga    120
cagtacctcc taaatggctc tactttgaac ctgctgggca aggaagagat tttcaaggaa    180
accatctacc gtgtgcaagc tcctgccggc caaccccaga ccccagcacg gagccaggcg    240
cctgtgcccg ccgaccctca gcatcctcct cagaaaggct ggtggcatca ggaagcccct    300
ggccagcctc cacctgagcc cagtgagctc agctttaagg atggagtcag gcaggggtc    360
ctcaacccct ccaggaccca ttgctgccct agggatgcca gacactgggc ctggcagttc    420
ctccctaggg aagcttcagg cgctccctgt tgggcccaga gcccactgtg gggaccctgt    480
cagcctggct gcagcagggg acggctctcc agacataggc cccacgggag agctgagtgg    540
```

7787

```
tagcttaaag atccccaacc gggacagcgg gatcgacagt ccctcctcca gtgtggctgg    600
agagaacttt ccctgcgagg agggcttgga ggctggccca agccccactg tactgggggc    660
gcacgcagag atggccctgg acagccaggt cccgaaggtc accccccagg aggaggcgga    720
cagcgacgtg ggtgaggaac ctgactctga gaacaccccc cagaaggctg acaaggatgc    780
cggcctggcc cagcactctg gccccagaa gcttctccac attgcccagg agctcctgca    840
caccgaggag acctatgtga agcggctgca cctgctggac caggtttttct gcaccaggct    900
gacggatgcg gggatccctc cagaagtcat catgggcata ttctctaaca tctcctccat    960
ccaccgcttc cacgggcagt tcctgctgcc ggagctgaag acgcggatca cggaggagtg   1020
ggacacaaac ccacggctcg gggacatcct gcagaagctg gccccattcc tgaagatgta   1080
cggcgagtat gtcaagaact ttgaccgagc cgtagggctg gtgagcacgt ggacccagcg   1140
ctccccactg tttaaagacg tcgtccacag catccagaag caggaggtat gcgggaacct   1200
gacgctgcag caccacatgc tggagcccgt gcagagggtc ccccggtacg agctgctgct   1260
caaggactat ctgaagaggc tcccgcagga cgccccanac cggaaggatg cggagaggtc   1320
cttggagctc atctccacag ccgccaacca ctccaatgct gccattcgga aagtggagaa   1380
aatgcacaag ctcttggagg tgtacgagca gctgggtggg gaagaagaca ttgtcaaccc   1440
ggccaatgaa ctgatcaagg agggccaaat ccagaaactg tcagccaaga acggcacccc   1500
ccaggaccgc cacctcttcc tgttcaacag catgatcctt tactgtgtgc ccaagctgcg   1560
gctcatgggc cagaagttca gcgtccggga gaagatggac atctcaggcc tccaggtgca   1620
ggatatcgtc aagccaaaca cagcacatac attcatcata acgggaagaa aaaggtccct   1680
ggagctgcag acgcggacag aggaagagaa gaaagaatgg attcagatca tccaggccac   1740
catcgagaag cacaaacaga acagcgaaac cttcaaggct tttgggggcc cccttaacca   1800
                                                                    1807
gggatgg
```

```
    <400> 9490
cagcatccac atagtctaca cagagctccc cttgctgccc agacaagctg aaggaccaca     60
ggaactcaga tacacaggaa acagttgttt catgtgtcgg actcctttcc attgctcttt    120
ccaatgtggt aatgcagcta aactaagaga aaagccatgg agacttcagc atcctcctcc    180
cagcctcagg acaacagtca agtccacaga gaaacagaag atgtagacta tggagagaca    240
gatttccaca agcaagatgg gaaggctgga ctcttttccc aagaacaata tgagagaaac    300
aagtcttctt cctcctcctc ctcttcctcc tcatcctcct catcttcttc atcctcctcc    360
tcctcagaga gcaatgatga ggaccagcaa cccagagcaa ccggaaaaca tcgacggagc    420
ctgggggctg gataccccca cgggaacggc tcaccggtc ctgggcatgg ggagcctgac    480
gttttgaagg atgagcttca actctatgga gatgctcctg gagaggtggt accctctggg    540
                                                                    542
ga
```

<210> 9491
<211> 978
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (235)...(502)
<223> similar to gi746490 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9491
```
ctgcgggact gcggcggcgc cggcctccgg ggagaaacgc gaatgacaac agagctgctc    60
aaggcgggaa ctctgagcta agcagtggag gtttctctgg atctggagag aagagtgacc   120
ttggagccaa taatgagcca tcctgactac agaatgaacc tccggcccct ggggacccccc  180
agaggtgtgt ctgctgtggc tggtccacat gacattggtg cttcgccagg tgacaaaaag   240
tcaaagaaca ggtccacacg agggaagaaa aagagcatat ttgaaactta catgtccaag   300
gaggatgttt cagaaggctt gaagagagga acactcatcc agggtgtatt gagaattaat   360
ccaaagaagt ttcatgaagc cttcattcct tccccggatg gtgatcgaga cattttтatt   420
gatggggttg ttgctcgtaa tagagcctta aatggggatc tggtggtcgt gaaactgctt   480
cccgaggagc attggaaggt agttaaacca gagagcaatg acaaagaaac agaagctgcg   540
tatgaatcag atatccccga ggagctctgt ggacaccatc tcccgcaaca gtccctgaaa   600
agctataatg acagtcctga tgtcattgta gaggctcagt ttgatggcag cgactcagaa   660
gatggacatg gcatcacaca aaatgtgctg gttgatggtg ttaagaaact ctcagtttgt   720
gtttctgaga aaggaagaga ggatggtgat gcaccggtta caaaagatga gaccacctgc   780
atttcacaag acacaagagc tttatcggag aaatccctgc aaagatcagc aaaggtcatt   840
gcctacagat tttctccacg tgtccaaatg gctttcacct gagctacttg ttgaagatct   900
cgtgtgattc agtcaggact gtatttggtc atttaatcag aaaagttaga gcagagaatc   960
ataaaaagtg aattaaaa                                                  978
```


<210> 9492
<211> 979
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (182)...(981)
<223> similar to gi3513303 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9492
```
cacgcgttcg tttataattc tatatgaaga aaatgaagac tctgaggtgg aaatcattca    60
tgtaacatgc cctatgaagg aaacaaggag ggcagattca ttccgctatc ctaaaacagg   120
cacagcagaa cctaccgtca cttttaagat gtcagaaata atgattgatg ctgaaggaag   180
gatcatagat gtcatagata aggaactaat tcaacctttt gagattctat ttgaaggagt   240
tgaatatatt gccagagctg gatggactcc tgagggaaaa tatgcttggt ccatcctact   300
```

7789

```
agatcgctcc cagactcgcc tacagatagt gttgatctca cctgaattat ttatcccagt    360
agaagatgat gttatggaaa ggcagagact cattgagtca gtgcctgatt ctgtgacgcc    420
actaattatc tatgaagaaa caacagacat ctggataaat atccatgaca tctttcatgt    480
ttttccccaa agtcacgaag aggaaattga gtttattttt gcctctgaat gcaaaacagg    540
tttccgtcat ttatacaaaa ttacatctat tttaaaggaa agcaaatata aacgatccag    600
tggtgggctg cctgctccaa gtgatttcaa gtgtcctatc aaagaggaga tagcaattac    660
cagtggtgaa tgggaagttc ttggccggca tggatctaat atccaagttg atgaagtcag    720
aaggctggta tattttgaag gcaccaaaga ctccccttta gagcatcacc tgtacgtagt    780
cagttacgta aatcctggag aggtgacaag gctgactgac cgtggctact cacattcttg    840
ctgcatcagt cagcactgtg acttctttat aagtaagtat agtaaccaga agaatccaca    900
ctgtgtgtcc ctttacaagc tatcaagtcc tgaagatgac ccaacttgca aaacacagga    960
                                                                      979
atttcgggcc accattttg
```


<210> 9493
<211> 1765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1150)...(1766)
<223> similar to gi4589678 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters


```
    <400> 9493
caatccatct ccaactttca tgtgctgctc ttacagactg agactcgaat tgcagactgg     60
cgggaagggg ctcttaatgg aaactacctt aaacgaaaac ttcaggatgc agcagaacaa    120
ctaaaacagt atgaaataaa cgccactcct aaaggctggt cctgccactg ggacaggtac    180
gcactcttct cccctttttca cctttcacct ttgacatctc agacatgatt tgtgatcacc    240
accatctgac gacatgacag cctgtctgga gactgagagc agctgcagtt agcggtgctg    300
ggcaggcaaa gcaccgcaag cacaaagttt ggccagccac acattggaga aacaaaagca    360
atgtttaaag tgttccatgt aacggatttt ttcccaagat atggacaaag ctggtttttta    420
ctctccagag tgttgcacgg agtagggcgg gcttgggggt taagcgcatg cgagagctct    480
gtgcgcttta caggacctct ggaagcaact actcctgatt aacctcggtg aagttaagga    540
aaacttcgtg gctgaagatg tgaatgaaga acaagattac tatcctctgc cagcaggtca    600
gatgaaaaca tttctttata tatttggctt ttcttgattt tttttttcgtt atttgaaatc    660
tttgctcttt tatttttcag ctcccagatc ctctccctct ctttagcttt cactgtgttt    720
gatatcaaga atatgaaatg tgaattccac ggtccaagag gggaagagtc acctttcaca    780
aacttcgttg ttctcttctt tggaagggaa attagtgttc taggcgattg agtcccttca    840
ttaatgaaac ttgaacccct gttatgcatt ggcaaatcac aaaaaaagag aaaagtgttt    900
tctaagtctc atctgttgga ggtagagggt tcagggctgt attcacagag ttgctggcag    960
tgcaaatagc tttgaattat ccttggttct ccattctcaa ttgtcaaagc tctttgttgc   1020
ctttgtgaat agcagtccat taagaggttc gtccctgtga aagcagactg ctgtcctggg   1080
acaggaccaa atggaagtgt ctttgtagga gaacgggttt taaaacatgt gtttttctttc   1140
ttgtaattta gggatcatag acggtatttc tatgtaaacg aacagtcggg cgagtctcag   1200
tgggagtttc cagatggtga agaggaagaa gaagaaagcc aagcacaaga aaatagagat   1260
gagactcttg ccaaacagac cttgaaagac aaaactggca ctgattcaaa ttcaacagaa   1320
tcctctgaaa cttccacagg ttctctttgt aaagaatcct tttctggtca agtttcttct   1380
tcatcactca tgccacttac tccattctgg accctccttc agtcaaatgt tcctgtgctt   1440
caacctccat taccttggga aatgccacca cccccacctc cacctccaga atcacctcca   1500
```

```
cccctcctc caccaccacc agctcccaaa atgccaccac ctgaaaagac aaaaaaagga    1560
aggaaagaca aggcaaagaa gagtaagacc aaaatgccat ctttggtaaa aaagtggcag    1620
agtatccagc gtgagttaga tgaagaggac aattctagtt ccagtgaaga ggatcgggta    1680
tcaactgcac agaagcgaat tgaagagtgg aaacagcagc agctggttag tggcatggca    1740
                                                                     1765
gagagaaatg ctaattttga agccc
```

```
<210> 9494
<211> 538
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (240)...(541)
<223> similar to gi1066731 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9494
cccagcacca actacgacgc caagcgttac actggaaact acttttaaa gcaacaaaag      60
agtctaaaac aaaatacaac atttcttaaa tacactggtt ccagaaagag ctattttaac     120
agaagcaact caaagatatc ccttcgacag aagtggaagt gctgaaaaat gctcatctct     180
cacacagact tttgatggac aggagtttct aagtatcatg cctaccaaca agctgtaaaa     240
tgatcaccct gaacaatcaa gatcaacctg tcccttttaa cagctcacat ccagatgaat     300
acaaaattgc agcccttgtc ttctatagct gtatcttcat aattggatta tttgttaaca     360
tcactgcatt atgggttttc agttgtacca ccaagaagag aaccacggta accatctata     420
tgatgaatgt ggcattagtg gacttgatat ttataatgac tttaccctt cgaatgtttt     480
attatgcaaa agatgaatgg ccatttggag agtacttctg ccagattctt ggagctct      538
```

```
<210> 9495
<211> 580
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (68)...(582)
<223> similar to gi2935597 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9495
gaacgtgtct ctctccaagt ctgtgacgct gactttccag cttttgaaga tgaccccag       60
taccaaaaag gtcttgggtg tctactggaa gagcacaggg cagggcagcc agtggtccag      120
ggatggctgc ttcctgatac acgtgaacaa gagtcacacc atgtgtaatt gcagtcacct      180
```

7791

```
gtccagcttc gctgtcctga tggccctgac cagccaggag gaggatcccg tgctgactgt    240
catcacctac atggggctga gcgtctctct gctgtgcctc ctcctggcgg ccctcacttt    300
tctcctgtgt aaagccatcc agaacaccag cacctcactg catctgcagc tctcgctctg    360
cctcttcctg gcccacctcc tcttcctcgt ggcaattgat caaaccggac acaaggtgct    420
gtgctccatc atcgccggta ccttgcacta tctctacctg gccaccttca cctggatgct    480
gctggaggcc ctgtacctct tcctcactgc acggaacctg acggtggtca actactcaag    540
                                                                    580
catcaacaga ttcatgaaga agctcatgtt ccctgtgggc
```

<210> 9496
<211> 981
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (276)...(975)
<223> similar to gi868245 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```
    <400> 9496
cggacgcgtg ggcttttcct gcagtcgcga tgtgtgattg cagatggaaa acaaagtatt     60
ttatgcctac gtttctaaga tagaagaaat ggacttgttg aaaagaagcc.agtttgtaaa    120
ggacacagta ggagaattta aggtaccacc accagagaga ggttgagagt gcgtttgact    180
tttggttttg tcaaacgcga ggttttccgt ttccttccgg ggcaagttga acctgtccag    240
cccccgtagg ctgtgggtca aaagtgccgg tcaaaatgga agtgaatccc cctaaacagg    300
agcacctgct ggcgctaaaa gtgatgcggc tgactaagcc tactttattc accaatatcc    360
cagtaacatg tgaagagaaa gacttacctg gagatctctt taaccagctg atgagagatg    420
atccttcaac cgttaatggt gcagaagttt taatgttggg agaaatgctg actttaccac    480
agaattttgg gaatatattt ttgggagaga ccttttccag ttatatcagc gttcataatg    540
atagcaatca agttgtaaaa gacatattag taaaagctga tcttcagaca agttctcagc    600
gtttaaatct ttcagcctcc aatgctgcag tggctgaact taaaccggat tgttgtattg    660
atgatgtcat acatcatgaa gtcaaagaaa ttggaacaca catcttggta tgtgctgtga    720
gttatacaac tcaggctgga gaaaaaatgt atttcagaaa attcttcaaa tttcaggttc    780
tcaaaccatt ggatgtgaaa accaaatttt acaatgcaga gagtgacctc agttctgtga    840
ctgatgaagt atttctggaa gcccagattc agaatatgac aacctcacct atgtttatgg    900
agaaggtttc actggagcca tctattatgt acaatgtaac agaattaaat tcagtcagcc    960
                                                                     981
aagctggaga atgtgtgtct a
```

<210> 9497
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (82)...(473)

7792

<400> 9497

```
acgcccacgc gtacgcccac gcgtccgtgg aatcttataa cttgaagaac tgccctggag      60
aaaggaagaa acttataata aatgggaaat tataaatcta gaccaaccca aacttgtact     120
gatgaatgga agaaaaaagt cagtgaatca tatgttatca caatagaaag attagaagat     180
gacctgcaga tcaaggaaaa agaactgaca gaactaagga atatatttgg ctctgatgaa     240
gccttcagta aagtcaattt aaattaccgc actgaaaatg ggctgtctct acttcattta     300
tgttgcattt gtggaggcaa gaaatcacat attcgaactc ttatgttgaa agggctccgc     360
ccatctcgac tgacaagaaa tggatttaca gccttgcatt tagcagttta caaggataat     420
gcagaattga tcacttctct gctttccaag ggagctgatt atccgcaggt tg             472
```

<210> 9498
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(443)

<400> 9498

```
ggtagattga gtcatttcca catcttgcga gtccttccga acgagtctcc tttccttggg      60
gctcgcaacc acccaatgat cgattcagga gaaaagaagc ctgggcggag agcagagccc     120
gacctttcta aaagagctgc aggaagggac ttcttggcta ctgatggcaa agctctacga     180
ggcagtgacc ttcaaggatg tggctgtgat cttcactgag gaggagctgg ggctgctgga     240
ccctgcccag aggaagctgt accgagatgt gatgcttgag aacttcagga acctgctctc     300
agtggggcat caaccattcc atggagatac tttccacttc ctaagggaag aaaagttttg     360
ggtgatgggg acaacaagcc aaagagaagg gaatttggat ttgagacgga gtctcactct     420
gttgcccagg ctggagtgca atggcctgat cttggctcac tacaacctct gcctcctggg     480
ttcaagcaat tctcctgcct cagcctctcg agtagctggg attacaggca tatgtcacca     540
ggccggcta tttttttgta ttttagtaa agacggggtt tcgccatgtt ggccaggctg     600
gtctcaaact cctgacctca agtgatccac ccgcctaggc ctcccaaagg tctgggatta     660
cagatgtgag ccaccacgcc cagccaagaa acatactttt gaaagagcat acttctaaaa     720
gggcacaacc aacaggtaca ctcaggaaga cttgaaggtc tacagtatta agattattgg     780
```

<210> 9499
<211> 1271
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (176)...(1270)
<223> similar to gi453376 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9499
gcggcgcgcc gccgcagaca gctggtgtcc cgccggagaa cggccgagat atccccgccg   60
gcggaggagc agccccagcg ccaggcctcc cgacgtcccc gggcagcagc ccaaggccgc   120
gaagtccccg tctccagttc agggcaagaa gagtccgcga ctcctatgca tagaaaaagt   180
aacaactgat aaagatccca aggaagaaaa agaggaagaa gacgattctg ccctccctca   240
ggaagtttcc attgctgcat ctagacctag ccggggctgg cgtagtagta ggacatctgt   300
ttctcgccat cgtgatacag agaacacccg aagctctcgg tccaagaccg gttcattgca   360
gctcatttgc aagtcagaac caaatacaga ccaacttgat tatgatgttg gagaagagca   420
tcagtctcca ggtggcatta gtagtgaaga ggaagaggag gaggaagaag agatgttaat   480
cagtgaagag gagataccat tcaaagatga tccaagagat gagacctaca aaccccactt   540
agaaagggaa accccaaagc cacggagaaa atcagggaag gtaaaagaag agaaggagaa   600
gaaggaaatt aaagtggaag tagaggtgga ggtgaaagaa gaggagaatg aaattagaga   660
ggatgaggaa cctccaagga agagaggaag aagacgaaaa gatgacaaaa gtccacgttt   720
acccaaaagg agaaaaaagc ctccaatcca gtatgtccgt tgtgagatgg aaggatgtgg   780
aactgtcctt gcccatcctc gctatttgca gcaccacatt aaataccagc atttgctgaa   840
gaagaaatat gtatgtcccc atccctcctg tggacgactc ttcaggcttc agaagcaact   900
tctgcgacat gccaaacatc atacagatca aagggattat atctgtgaat attgtgctcg   960
ggccttcaag agttcccaca atctggcagt gcaccggatg attcacactg gcgagaagcc   1020
attacaatgt gagatctgtg gatttacttg tcgacaaaag gcatctctta attggcacat   1080
gaagaaacat gatgcagact ccttctacca gttttcttgc aatatctgtg gcaaaaaatt   1140
tgagaagaag gacagcgtag tggcacacaa ggcaaaaagc cacctgagg tgctgattgc   1200
agaagctctg gctgccaatg caggcgccct catcaccagc acagatatct tgggcactaa   1260
cccagagtcc c   1271

<210> 9500
<211> 1583
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (157)...(846)
<223> similar to gi5824481 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9500
cccacgcgtg cgcacgtagc aacggggctg gttcagggtc tgaaacagag tttggggggtt   60
gtttgggatt agtgaagcta ctgcctttgc cgccagcgca gcctcagagt ttgattattt   120
gcaatgtcag gctttgaaaa cttaaacacg gatttctacc agacaagtta cagcatcgat   180
gatcagtcac agcagtccta tgattatgga ggaagtggag gaccctatag caaacagtat   240

```
gctggctatg actattcgca gcaaggcaga tttgtccctc cagacatgat gcagccacaa      300
cagccataca ccgggcagat ttaccagcca actcaggcat atactccagc ttcacctcag      360
cctttctatg gaaacaactt tgaggatgag ccacctttat tagaagagtt aggtatcaat      420
tttgaccaca tctggcaaaa aacactaaca gtattacatc cgttaaaagt agcagatggc      480
agcatcatga atgaaactga tttggcaggt ccaatggttt tttgccttgc ttttggagcc      540
acattgctac tggctggcaa aatccagttt ggctatgtat acgggatcag tgcaattgga      600
tgtctaggaa tgttttgttt attaaactta atgagtatga caggtgtttc atttggttgt      660
gtggcaagtg tccttggata ttgtcttctg cccatgatcc tactttccag ctttgcagtg      720
atattttctt tgcaaggaat ggtaggaatc attctcactg ctgggattat tggatggtgt      780
agttttctg cttccaaaat atttatttct gcattagcca tggaaggaca gcaactttta      840
gtagcatatc cttgcgcttt gttatatgga gtctttgccc tgatttccgt cttttgaaaa      900
tttatctggg atgtggacat cagtgggcca gatgtacaaa aaggaccttg aactcttaaa      960
ttggaccagc aaactgctgc agcgcaactc tcatgcagat ttacatttga ctgttggagc     1020
aatgaaagta aacgtgtatc tcttgttcat ttttatagaa cttttgcata ctatattgga     1080
tttacctgcg gtgtgactag ctttaaatgt ttgtgtttat acagataaga aatgctattt     1140
ctttctggtt cctgcagcca ttgaaaaacc ttttttccttg caaattataa tgtttttgat     1200
agattttttat caactgtggg aaaccaaaca caaagctgat aacctttctt aaaaacgacc     1260
cagtcacagt aaagaagaca caagacggcc gggcgtggta gctcacgcct gtaatcccag     1320
cactttggga ggccgaggcg ggcggatcac aagggcagga gatcgagacc atcctggtta     1380
acacggtgaa accccgactc tactaaaact acaaaaaaaa ttagctgggc gtggtggcgg     1440
gcgcctgtag tcccagctac tcaggaggct gaggcaggag aaaagtgtga acccaggagg     1500
cggagcttgc agtgagccga gatcacacca ctgcactcca tccagcctgg gtgacagggt     1560
                                                                     1583
gagactctgt ctcaaaaaaa aaa
```

```
<210>  9501
<211>  547
<212>  DNA
<213>  Homo sapiens

<220>
<221>  misc_feature
<222>  (10)...(548)
<223>  similar to gi5420272 in the genepept database release 114,
       Run with FASTXY 3.3t00, default parameters
```

```
<400>  9501
gacggcacca tggaggactc cgaggcggtg cagagggcca cagcgctcat cgagcagcgg       60
ctggcacagg aggaggagaa tgagaaactc cgaggagacg cacgccagaa gctgcccatg      120
gacttgctgg tgctggagga tgagaagcac cacggggctc agagtgcagc cctgcagaag      180
gtgaagggcc aagagcgcgt gcgcaagacg tccctggacc tgcggcggga gatcatcgat      240
gtgggcggga tccagaacct catcgagctg cggaagaaac gcaagcagaa gaagcgggac      300
gctctggccg cctcgcatga gccgcccca gagcccgagg agatcactgg ccctgtggat      360
gaggagacct tcctgaaagc tgcggtggag gggaaaatga aggtcattga gaagttcctg      420
gctgacgggg ggtcagccga cacgtgcgac cagttccgtc ggacagcact gcaccgagct      480
tccctggaag gccacatgga aatcctggag aagcttctag ataatggggc cactgtggac      540
                                                                      547
ttccagg
```

<210> 9502
<211> 598
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (395)...(600)
<223> similar to gi498727 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9502
cggacgcgtg ggcgcgggcc cctcctaatg tcttggactt aagattgggg ctcgctggga   60
cctggtggtc cggttatggg ataagaagcc tcgtgggaga gcagaggacg ctggacgatc   120
ccggacgcct tctgacctct ttttaggcag gcgagggttg cgtccacttc cacgaaggga   180
ggggagcatt taacttttct cagggacagc gacccagtca ggatgtttca cagctttctc   240
cttccccagc ctgaaaaagg actgcgcgga ctgacttctt ggctactgaa agcaaagctc   300
cactgttcca ggcacgattc tgccttctct caaatggcat aactcaggac tctgcaaatt   360
cccagaaaca ggaggaaaaa tgaccacatt caaggaggga ctgaccttca aggatgtggc   420
tgtgatcttc actgaggagg agctgggggct gctggaccct gtccagagga atctgtacca   480
agatgtgatg ctggagaact tcaggaacct gctgtcagtg gggcatcacc ccttcaaaca   540
tgatgtattc cttttagaaa aggaaaaaaa gcttgatata atgaagacag caactcaa   598

<210> 9503
<211> 585
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (257)...(551)
<223> similar to gi3002588 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9503
aaatgacgcc ctaatagagg ccggtagacc ggccgaccac gcgtccggcg gcgcttggag   60
gaaaggaagc cggttggagg gcgcagcgca cccctgctgc gcggaggagg gggctgagct   120
gaactcagca gaagttacat gcacaagcag gcaaaaattc tgacgttctc aagagaccag   180
ctctgccccc gtggctcaac tgaccctacc atgtggacgc tgctcctcca ggtgggaact   240
ggagttttga aataaaatgg atgatttgac gttacttgat cttctggagt gccctgtgtg   300
ctttgagaag ctcgatgtca cagccaaagt cctcccttgc cagcacacct tctgcaaacc   360
atgtctacag agggttttca aggcccacaa agagctgcgg tgccccgaat gcaggacgcc   420
tgtgttttcc aacattgagg cgctgccggc caacctgctg ctcgtgcgcc ttctggatgg   480
agtgcgctca gggcagagct ccgggagagg gggctccttc cgcaggcctg gcacgatgac   540
cttgcaggat ggcaggaaaa gcaggaccaa ccccagacgt ctgcg   585

<210> 9504
<211> 461
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (335)...(463)
<223> similar to gi3805821 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9504
tttttttttt ttggaaagag aaaatatatt tactattcat taagtggatg cgggtcatca   60
taaaggtctt cattctcatc ctcttcacgt tgagtaggct gaggaggagg aagaggagga   120
gaaggggttg gtcttgctgt ctcagggcgg cagaggcaga agagaatctg agcatacgtg   180
gacctgtagc caggtgggca tagataaaag gaaatattgt ttgccagtcc ctgctggaat   240
gatgccttta cacatctgtc tgatctgatt gctccatctg ttttcaatct actcttccct   300
ttccacggtt ctagcctgtt catctagccc catgatggct gtggacatcg agtacagata   360
caactgcatg gctccttcct tgcgccaaga gaggtttgcc tttaagatct caccaaagcc   420
cagcaaacca ctgaggcctt gtattcagct gagcagcaag a   461

<210> 9505
<211> 991
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (517)...(833)
<223> similar to gi2760328 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9505
tctcaggtct ggaggtccaa tctttacatg tgaggttaaa agtataactg ttgtgggtta   60
tataaactat tcaagttagg tctcttatgg tggcaaaatg gaagacttga gataggtgtt   120
ggatgaccta aacctggagc cctatttttg taagattctt tcttttgttc tgaacttcag   180
cttgcccagt tattggcgga attgaactcg atgccagatt tcttcccagt acgaacccca   240
acctcagctt ctaggaagaa gacagtgagg cgggccttct cggagggaca gatcacgcgg   300
cgtatgaacc caacccggag tgcgcggcct cctgagaagt ttgctctaga gaacttcact   360
gtctcagccg ctaaatttgc ggaagagttt tacagcttcc gaagaaggaa gacaattggg   420
gggaaatgcc gggagtacag acgacgtcac cgtatatctt cttttcggcc agtggaggat   480
atcaccgaag aggacttaga aaatgttgcc ataactgttc gagataaaat ctatgataaa   540
gttctgggta acacgtgcca tcagtgtcga caaaagacca tcgacaccaa gacagtgtgt   600

7797

```
cggaaccagg gttgctgtgg tgtgcgagga cagttctgtg gaccatgcct gcggaaccgc    660
tatggggagg atgtcagatc ggcattgctg gacccggatt gggtgtgtcc cccctgtcgt    720
gggatctgca attgcagcta ctgtcggaag cgtgacggcc gctgtgccac aggaatcctc    780
attcatctgg ccaagtttta tggttatgac aatgttaagg aatatctgga gaggtaagta    840
agtctctagc agcttacaaa acagcttgaa atcttgaggc tgagcacagg agaccctctg    900
ggcaagtagt tgttgccttc ccgtgtgact tacttactta tataaaccac gagtaccatc    960
cattctgtat ctgtttgcat tggaaaagct c                                   991
```

```
      <400> 9506
tgagacctcc gccgagctct gccccggcga gacgaggcgc ctccgtcgcc aagccgtgcg     60
gtcacggcgg tcccgggagc ggtccttatc gaccccgccc gggcccccctc agcttaccta    120
acactactca gcaaaataat gatctgctag actgctaacc cgagcatcca gcttccacaa     180
tgcctgtgca ggcagctcaa tggacagaat ttctgtcctg tccaatctgc tataatgaat     240
ttgatgagaa tgtgcacaaa cccatcagtt taggttgttc acacactgtt tgcaagacct     300
gcttgaataa acttcatcga aaagcttgtc cttttgacca gactgccatc aacacagata     360
ttgatgtact tcctgtcaac ttcgcacttc tccagttagt tggagcccag gtaccagatc     420
atcagtcaat taagttaagt aatctaggtg agaataaaca ctatgaggtt gcaaagaaat     480
gcgttgagga tttggcactc tacttaaaac cactaagtgg aggtaaaggt gtagctagct     540
tgaaccagag tgcactgagc cgtccaatgc aaaggaaact ggtgacactt gtaaactgtc     600
aactggtgga ggaagaaggt cgtgtaagag ccatgcgagc agctcgttcc cttggagaaa     660
gaactgtaac agaactgata ttacagcacc agaaccctca gcagttgtct gccaatctat     720
gggccgctgt cagggctcga ggatgccagt ttttagggcc aggtaagata ggttactatc     780
ttacctttttt tattagctat tggggcttga ggatgccaat ttctggagct cggtgaatcc     840
tgagactcaa cccgtcttta tatgtacaaa tcttgatata attaaagata aatttgttta     900
aaaaaaaaa                                                             909
```

Run with FASTXY 3.3t00, default parameters

<400> 9507
cttgtctgag gcggaggcag ccccgcgccg cgccggaccc gagcatattt cattttctgt   60
cattggactt tgagccatta gaaccatgag caactacagt gtgtcactgg ttggcccagc   120
tccttggggt ttccggctgc agggcggtaa ggatttcaac atgcctctga caatctctag   180
tctcactttc tggtggaggt gatagccaac agtaagatgg ccaaaagcta cttacccttg   240
aagaggaaat gaagggcttg gagctccaac tagatagcct atgaataatt gagatttggc   300
tttttacctc attatggatt tagtttgaat gtattctgtg tatatatttt aaggatatgt   360
tttcatgatg atgatgatag cactgatgag aggagtaatt aaagcttcta tttattgaga   420
cttgactata tgtcaggtac   440

<210> 9508
<211> 678
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (225)...(474)
<223> similar to gi1944136 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9508
ttttccagac tatatttgag aagaactatt tttttcctcc agaaaactca ttattgagat   60
actcagattt taaatccaaa ctaaaagctg attagcatga tttttttaact aagaaataaa   120
attatctaag cagttttatt tggataacta taggtgactt tcacaaacag acctatgtca   180
tgcttagttg aggattctaa ctcacttcac tttcagtagg tacttcccgg acatcagtaa   240
ccaagctcag tcttcataca aagcccagaa tgcctccatg tgacttcatg cctgaaagat   300
accagtccct tggctacaac cgtgtcctgg aaatccacaa ggaacatctt tctcctgtgg   360
tgacggcata tttccagaaa cccctgctgc tccaccaggg gcacatggag tggctctttg   420
atgctgaagg aaacagatac ctggatttga tccacgctat agtctccgta cagaggaccc   480
ggtctccagc tgtggctaca acataggggt tttacacaag aaaaataaag tgaattaagc   540
ctggaaaaaa aacatcaaca aataaaaacc tggtcattta tgctatattt aaagcattta   600
aatcactttc agaatcacca ctgtgaatgt gtggattaaa aattatggcc caacagtgct   660
ggatgtcgcc tgtatttg   678

<210> 9509
<211> 546
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> (348)...(549)
<223> similar to gi577311 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

        <400> 9509
caacggttag cggtggcagg ggctgactga gagcgtctgc ttgtgcctgg tacctagtac   60
aaacttaata aatgtgtgac gcaagaataa aggaatgaat gaatggaaga atgatataat   120
gccacagaac tttcaaagat gggactgtct agttgcaaaa acaagctcag ggatcccact   180
gattctactt tacgataatg gattctgaat taatgcatag tatagtagga agctatcata   240
aacctccaga aagagtattt gttccctcat tcacccagaa tgaaccatct cagaattgcc   300
atcctgcaaa cttagaagtt acctctccta agatacttca tagcccaaat agccaagctc   360
ttattttagc cttaaaaact cttcaggaaa aaattcatcg tttagagctg gagagaacac   420
aagctgaaga taacctgaac attctttcca gagaagcagc acagtataag aaggccttag   480
agaatgaaac aaatgagaga aatctggcac accaggagct gataaagcag aaaaaagata   540
                                                                   546
taagta

        <210> 9510
        <211> 685
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1)...(686)
        <223> n = a,t,c or g

        <220>
        <221> misc_feature
        <222> (56)...(685)
        <223> similar to gi1665799 in the genepept database release 114,
              Run with FASTXY 3.3t00, default parameters

        <400> 9510
atgagggtcg tcccacgcgt ccgcttggtc catgtgagag aagctggctg ctgaaatgac   60
tgcgaaccgg cttgcagaga gccttctggc tttgagccaa caggaagaac tagcggattt   120
gccaaaagac tacctcttga gtgagagtga agatgagggg gacaatgatg gagagagaaa   180
gcatcaaaag cttctggaag caatcagttc ccttgatgga aagaataggc ggaaattggc   240
tgagaggtct gaggctagtc tgaaggtgtc agagttcaat gtcagttctg aaggatcagg   300
agaaaagctg gtccttgcag atctgcttga gcctgttaaa acttcatctt ctttggccac   360
tgtgaaaaag caacgagta gagtcaaatc aaagaagaca gtggagttac ctctgaacaa   420
agaagagatt gaacggatcc acagagaagt agcattcaat aaaaccgcac aagtcctctc   480
caaatgggac cctgtcgtcc tgaagaaccg gcaggcagag cagctggttn ttcccctgga   540
gaaagaggag ccagccattg ctcccattga acatgtgctc agtggctgga aaggcagaac   600
tcccctggag cangaaattn tcaacctnct ncatangaac aagcagncag tgacagaccc   660
                                                                   685
tttactgacc cctgtggaaa ggcct

<210> 9511
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (76)...(346)
<223> similar to gi5726236 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9511
cattgcagcc aaggactgct ccccaccccg cttctccgtg tctctaccct tctctttaaa   60
cttgcctcct ttactatggg caaccttcca ccctccattt ctccttcttc tcccttagcc   120
tgtgttctca agagcttaaa acctcttcac ctcttgcctg acctaaaatc taagcatctt   180
attttcttct ccaacaccgc ttggccccaa tacaaactcg acaatggttt taaatggcca   240
gaaaatgaca ctttcgattt ctccatccca cgagacctag atactttttg tcgaaaaaag   300
ggcaaatggt ctgaggtgcc ttacgtccag gcatttttca cactttgttc cctcctgtcg   360
tacatgacac atacc   375

<210> 9512
<211> 695
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (88)...(696)
<223> similar to gi287809 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9512
cacccgcttc cgtcagcctc actggggctt ccttccgtct cgctcggagt ttccctctgc   60
gttcgctccg cgctgctgga ggctgtcgtc ccaatgctcc ccaaacggcg gcgagcgcgg   120
gtcgggtccc ctagcggcga tgccgcttcc tccacgccgc cctcgacgcg cttcccggga   180
gtcgccatct acctggtcga gcctcgcatg ggtcgcagcc gccgggcctt cctcacaggc   240
ctggcgcgct ccaaaggctt ccgcgtcctt gacgcctgca gctccgaagc gacacatgtt   300
gtgatggaag agacctcagc agaggaggcc gtcagctggc aggagcgcag gatggcagct   360
gctcccccgg gttgcacccc cccagctctg ctggacataa gctggttaac agagagcctg   420
ggagctgggc agcctgtacc tgtggagtgc cggcaccgcc tggaggtggc tgggccaagc   480
aaggggcctc tgagcccagc atggatgcct gcctatgcct gccagcgccc tacgcccctc   540
acacaccaca acactggcct ctccgaggct ctggagatac tggccgaggc agcaggcttt   600
gaaggcagtg agggccgcct cctcaccttc tgcagagcag cctcggtgct caaggccctt   660

cccagccctg tcacaaccct gagccagctg caggg

<210> 9513
<211> 1158
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (98)...(650)
<223> similar to gi5732053 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9513
```
ccgctcgctt caatatggct gcccccaggg agagacgagg ctaccatgaa ggagccgagc    60
gcagaccctg agtccgtcac ccatggatcg cagcgcggag ttcaggaaat ggaaggcgca   120
atgtttgagc aaagcggacc tcagccggaa gggcagtgtt gacgaggatg tggtagagct   180
tgtgcagttt ctgaacatgc gagatcagtt tttcaccacc agctcctgcg ctggccgcat   240
cctactcctt gaccggggta taaatggttt tgaggttcag aaacaaaact gttgctggct   300
actggttaca cacaaacttt gtgtaaaaga tgatgtgatt gtagctctga agaaagcaaa   360
tggtgatgcc actttgaaat ttgaaccatt tgttcttcat gtgcagtgtc gacaattgca   420
ggatgcacag attctgcatt ccatggcaat agattctggt ttcaggaact ctggcataac   480
ggtgggaaag agaggaaaaa ctatgttggc tgtccggagt acacatggct tagaagttcc   540
attaagccat aagggaaaac tgatggtgac agaggaatat attgacttcc tgttaaatgt   600
ggcaaatcaa aaaatggagg aaaacaagaa aagaattgag aggttttaca actgcctaca   660
gcatgctttg gaaagggaaa cgatgactaa cttacatccc aagatcaaag agaaaaataa   720
ctcatcatat attcataaga aaaaagaaa cccagaaaaa acacgtgccc agtgtattac   780
taaagaaagt gatgaagaac ttgaaaatga tgatgatgat gatctaggaa tcaatgttac   840
catcttccct gaagattact aagctttggt tctgatgtgt cttggccgta atgtttctag   900
taggtttat aaagctgctc ttcataagag tattttagtt tgttgagtgt atcagccatt   960
cataagccag taatgacaag tgcagagctt caaactataa ctttgttgcc cagaggatgt  1020
gcagttgtca tctaagctct cagcagtacc cggcttatcc tacgacttca cctgaaatgc  1080
tatagttatc cctacttttt taccagtttc tcccagaagc acctgcttaa taaatcaaag  1140
atgtttgaaa aaaaaaaa                                                 1158
```

<210> 9514
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(333)
<223> similar to gi5052031 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9514
```
gaattcccgg gtcgacgatt tcgtggagag gggcgggcgc cattgtgctt cgctgccgac    60
tgcatttcct cagtcacggg cctaaaactc caaggagaaa ggcggcggtg cgtgttgctg   120
cgagtgggac gcgcactggt cggtgccggc tcaggagccg ggaaaaatct ttaagaatgg   180
agtctaaacc ttcaaggatt ccaagaagaa tttctgttca accttccagc tccttaagtg   240
ctaggatgat gtctggaagc agaggaagta gtttaaatga tacctatcac tcaagagact   300
cttcatttag attggattct gaatatcagg taacattttt atttggaata tatgtatacg   360
gcctttttca aaatccctag ggacactctt ttgggggtat ttaaaaaatg tgttagctgg   420
                                                                   435
atctgaggca tcctg
```


<210> 9515
<211> 1289
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (221)...(1291)
<223> similar to gi1654186 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9515
```
ctgagcgctc ctgcagttcc tggggcgtag taggggatcc acaagcgttt gtgaccagtg    60
aagttcttta caagggtgag atctgcacgg gaggacccga gcgagggtct cggcttgcca   120
ggaagccggg gttccccggg aagcgtggag ttcacccgcg cactcgaagt gcctttgcaa   180
aattatatct gggtgttggc acccagccac tattctgcca atgaagtaca tcctggtcac   240
gggtggggtc atctcaggca ttggtaaagg gatcattgcc agcagcattg gaacgattct   300
aaaatcatgt ggactccgag ttactgccat aaaaatcgac ccctatatta acatcgatgc   360
tggcactttt tcaccttatg aacacggtga agtcttcgtc ttaaatgatg gtggagaagt   420
tgatttagac cttggaaatt atgaaagatt tttggatatt aatctttata aagacaacaa   480
tatcaccacg gggaagatat atcagcatgt gatcaataaa gagaggcgtg gtgattacct   540
ggggaaaaca gtgcaagttg tccctcacat tactgatgct gtccaggagt gggttatgaa   600
tcaagccaag gtgccggtgg atggtaataa ggaagagccc caaatatgcg ttattgagct   660
gggaggcacc attggagaca tcgaaggaat gccgtttgtg gaggcgttta gacaattcca   720
gtttaaggcg aaaagagaga atttctgtaa tatccatgtt agccttgtcc cacagctcag   780
tgctaccgga gaacaaaaaa ccaaacccac ccaaaacagc gtccgcgcac tgaggggttt   840
aggcctgtct ccagatctga ttgtctgccg aagttcaacg cccattgaga tggccgtgaa   900
ggagaagatt tctatgtttt gtcacgtgaa ccctgaacag gtcatatgta tccatgatgt   960
ttcttccaca taccgagttc ctgtgctttt agaggaacaa agcattgtga atatttttaa  1020
ggagagattg cacctgccca tcggtgattc tgcaagtaat ttgcttttta agtggagaaa  1080
tatggctgac aggtatgaaa ggttacagaa aatatgctcc atagccctgg ttggcaaata  1140
caccaagctc agagactgct acgcctctgt gttcaaagcc ctggaacact cagccctggc  1200
catcaaccac aagttgaatc tgatgtacat agactccatt gatctggaga agatcactga  1260
                                                                  1289
aaccgaggac cctgtgaaat ttcatgaag
```

<210> 9516
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(355)
<223> similar to gi441403 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9516
cacaatgagg ctccctgctc agctcctggg gctgctaatg ctctgggtct ctggatccat   60
tggggatatt gtgatgactc agtttccact ctccctgccc gtcacccctg gagagccggc   120
ctccatctcc tgcaggtcta atcagagcct cctgcatagt tttggacaca actatttgga   180
ttggtacgta caaaagccag ggcagtctcc acaagtcctg atctatttgg gttctagtcg   240
ggccgccggg gtccctgaca ggttcagcgg cagtggatca ggcacagagt ttacgctgaa   300
aatcagcaga gtggaggctg aggatgtagg aatctattac tgcatgcaag ctc   353

<210> 9517
<211> 971
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (572)...(964)
<223> similar to gi4050087 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9517
cccacgcgtc cgagtaagta aagtaagaag tgaagagaaa gatgaagact ctgaaagagg   60
agatgaagat agagaaagaa gataccgaga aagaaagaga agaaccaaag atgatacctg   120
gaaagcagat gacctcagaa aacatctctg ggccatacag tcaggtggtt ccaaggaaga   180
aagaaagcac agagagaaga agctgcgtaa ggagtctgag atggaccttc ctgaacataa   240
ggagccgagg tgcagggatc ccgaccagga tgccaggagc agagacaggg tggccgaagt   300
ccacaccgct aaggagagtc ctcgtgggga gaggacagga gacagacaga gggagaggag   360
aagagacgca aaagaccggg agaaagaaaa gctgaaggag aaacatcgag aggcagaaaa   420
gtctcacagc agaggaaagg acagggaaaa agaaaaagac agaagggccc ggaaggaaga   480
gctccggcag accgtggccc accacaacct gctgggccag gagacacgcg accggcagct   540
cctggagcgg gcggagagga aaggccgctc agtaagtaaa gtaagaagtg aagagaaaga   600
tgaagactct gaaagaggag atgaagatag agaaagaaga taccgagaaa gaaagctgca   660
gtacggagac agcaaggaca accctctcaa gtactggctt tataaagaag aaggcgagag   720
gagacacagg aagcccagag agccagatcg agacaagaaa caccgagaaa aaagcagcac   780
aagggaaaaa agagagaaat attccaaaga gaaaagtaat tcattctctg acaaagggga   840

```
agaaagacat aaagaaaagc gacacaaaga aggttttcat tttgatgatg agaggcaccg    900
aagcaacgtg gatagaaaag agaaatcggc aaaagatgag cccaggaaaa gggaatccca    960
                                                                     971
gaatggtaac a
```

<210> 9518
<211> 364
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (236)...(366)
<223> similar to gi55473 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9518
```
acagggcgat ggcaggttcg ccgggtgtga ggcttcacag cggtccggtg accaagtcga     60
ggatttttct ggtggtctag tctcagagat tacatctgta gtcagcacaa tgattccctt    120
ccaagcccag tggtgcccag ttgcctccag gtcccagacc tttatgtgga caagaaaagc    180
ttacagagga aatggtaatt ctccacttgc acactgaggt gtccagttgc agcccatgga    240
gatccagttc aattatgaat ctcaggaaca ccaccttctg tcagatggtg agaacaagac    300
caagattgga aagccagctt cagaggaggg aattacagca aaaattgaac cattgacaga    360
                                                                     364
agag
```

<210> 9519
<211> 814
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (61)...(737)
<223> similar to gi896065 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9519
```
ataatgggcg gtgggaaatc tggaacagtg tcttctcaga aacaaccagc ctcaaagact     60
gcaagtgaca agacagattc tgctttgaat acagctacag aaataaagga tggactacaa    120
tgtgggacag tgtcttctca gaaacaacaa gccttgaagg ctacaactga cgaggaaggt    180
tctgtttcaa atatagccac agaaataaag gagggacaac aatctgggac agtgtctcct    240
cagaaacaat cggcctggaa ggttatattt aaaaagaaag tttctctttt gaatattgcc    300
acaagaataa tgggcggtgg gaaatctgga acagtgtctt ctcagaaaca accaccctca    360
aaggctacaa gtgacaagac agattctgct ttgaatatag ctacagaaat aaaggatgga    420
```

```
ctacaatgtg ggacagtgtc ttctcagaaa caaccagcct tgaaggctac aactgacgag    480
gaagattctg tttcgaatat agccacagaa ataaaggatg gagaaaaatc tgggacagtg    540
tcttctcaga aacaaccagc cttgaaggct acaactgacg aggaagattc tgttttgaac    600
atagccacag aaataaagga tggagaaaaa tctgagacag tgtcttctca gaaacaacca    660
gccttgaagg ctacaactga cgaggaagat tctgtttcga ttatagccac agaaataaag    720
gacggagaaa aatctgggac agtgtcttct cggaaaaaac cagccttgaa ggctacaagt    780
gatgagaaag attctttttc gaatataacc agag                                814
```

```
        <400> 9520
cccacgcgtc cggaagagca agatagagaa gatgggaaat gtcataaaat ggaaatgaac     60
ccaatttcag gaaatctgaa ctgtgaccct attgctatgt cccagtgttc ctcagatcat    120
ggatgtgaaa ctgatttaga ttcagatgat gacaaaatag aaaaaccaaa caattttatg    180
aaagattctg catcacaaga caatggacta agcagaaaaa tttccaggaa aagggtctgt    240
tccagtgact cagacagtag tttacaggtg gttaagaaat catcaaaagc cagaacaggt    300
ctcctgagga ttactcgaag atgtgcagct acggctgcca ataagatcaa gctcatgagt    360
gatgtagaag atgtcagttt agaaaatgtg cacactagaa gcaaaaatgg aaggaaaaaa    420
cctctccatc ttgcttgtac tacagctaag aagaaattga gtgattgtga aggaagtgta    480
cattgtgaag taccaagtga acagtatgcc tgtgaaggca agccacctga tcctgactcc    540
gaaggtagta caaaagtgct tagtcaggct ctaaatggag actcagactc tgaagatatg    600
ttgaattcag aacacaagca caggcatacc aatattcaca aaatagatgc accttctaaa    660
agaaaaagtt cctctgttac atcttcagga g                                   691
```

7806

<400> 9521
```
tcttgtgctc cagctggagc tttggtcccg tattctcggc tatttatccc cagctgcggg      60
aggccctggt gactctgctg ctgcagtgtc tggtttccct gtgacctgca ggtactggga     120
gttacatagc taagatgcca ggacaccccg aaagccggaa aacgggacta ctggcattca     180
gtgatgtggt catagaattc tctccagagg agtgggcatg cctggaccct gcccagcgaa     240
atttgtatag ggatgtgatg ttcgagaact acagaaacct ggtctccctg gctattttat     300
cttattccat tcaagacctt ttgccagagc aggatatgaa agatttatgc caaaaagtga     360
cactgacaag acatagaagc tggggccttg acaatttgca cttagtgaaa gactggaa      418
```

<210> 9522
<211> 484
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (120)...(310)
<223> similar to gi805296 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9522
```
atcagcttta acataattct catctttggg tgtgattttt taaagagaag aaataaaata      60
ttgtaatcct gtagttgttt atatccaagt ttaaatacag tatctattat tttgtccaga     120
tgctttggga aaatggaatt aatggcattt tagcagatga aatgggattg ggtaagacag     180
ttcagtgcat tgctactatt gcattgatga ttcagagagg agtaccagga ccttttcttg     240
tctgtggccc tttgtctaca cttcctaact ggatggctga attcaaaaga tttacaccag     300
atgtaagaca tgcttcctta tgttaaaatt ataattttac atgttttctt atgctttgtt     360
gtagtaggaa ttaaattgta gaactcttat aatcaaaagt cggcgcgacc gcgaattcga     420
atcctcaaga gatctctcta gagggctcgg tggggtgtct tcgtcgtggt ttttctgtct     480
ttgt                                                                 484
```

<210> 9523
<211> 962
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (408)...(965)
<223> similar to gi3043574 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9523

```
cgcggccgcg tcgactttaa gattaaattc atgtattgaa aatattgttc agaccccatg      60
tgacataact ggagccagtg cagtgccatg aagaactacg agattagcct ggatattaac     120
ttgtcttcta gagaatagat ttcatgttcc attcttctgc aatggttaat tcacacagaa     180
aaccaatgtt taacattcac agaggatttt actgcttaac agccatcttg ccccaaatat     240
gcatttgttc tcagttctca gtgccatcta gttatcactt cactgaggat cctggggctt     300
tcccagtagc cactaatggg gaacgatttc cttggcagga gctaaggctc cccagtgtgg     360
tcattcctct ccattatgac ctctttgtcc accccaatct cacctctctg gactttgttg     420
catctgagaa gatcgaagtc ttggtcagca atgctaccca gcttatcatc ttgcacagca     480
aagatcttga aatcacgaat gccacccttc agtcagagga agattcaaga tacatgaaac     540
caggaaaaga actgaaagtt ttgagttacc ctgctcatga acaaattgca ctgctggttc     600
cagagaaact tacgcctcac ctgaaatact atgtggctat ggacttccaa gccaagttag     660
gtgatggctt tgaagggttt tataaaagca catacagaac tcttggtggt gaaacaagaa     720
ttcttgcagt aacagatttt gagccaaccc aggcacgcat ggctttccct tgctttgatg     780
aaccgttgtt caaagccaac ttttcaatca agatacgaag agagagcagg catattgcac     840
tatccaacat gccaaaggtt aagacaattg aacttgaagg aggtcttttg gaagatcact     900
ttgaaactac tgtaaaaatg agtacatacc ttgtagccta catagtttgt gatttccact     960
ct                                                                    962
```

<210> 9524
<211> 1440
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (587)...(1442)
<223> similar to gi1017722 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9524

```
gagtccgccc aggctgtggg actatcagtc ctccctgtgc gtccagttcg gagaggctgc      60
gcgctctctc ggctcactgc aacctctgca acctctgcct ccagggtcaa gcggttctcc     120
tgcctcagcc ttccgagtac ctgggattac aggaccgcaa ataaccctgt acaaagagga     180
atggagattg cctctatcca cctagattca taagctggcc tgaggtgatc ttggcatcaa     240
ggaagggatg cacatcatca caccatcagc ttcagagaat ggcagccatt tatttgtccc     300
gtgggttttt ttccagggaa ccaatctgcc cttttgaaga aaagacaaag gtagaaagga     360
tggtggagga ctacctggca agtggttatc agtgaatatt ggtggaagtg ttcattggct     420
caaaccagca tgtgtatgat gacttaggat tcagtgacgt ttgatgatgt ggctgtggac     480
ttcacccag aggagtgggc tttactggac acaactgaga aatgcctcta cagagatgtg     540
atgctgggag aactacatga acctggcctc tgtggatttc tttttctgct taacttcaga     600
atgggaaata caacctagaa ccaaacggtc atcacttcag cagggttttt tgaagaatca     660
aatattcagt gggatacaaa tgacaagaga ctacagtgga tggaaactct gtgactgtaa     720
gaattgtgga gaggtcttca gggaacagtt ttgccttaag acacacatga gagttcagaa     780
tggagggaat acttctgagg gtaattgtta tggaaaagac accctcagtg tgcacaagga     840
agcctctact ggacaggaac tttccaaatt taatccatgt ggaaaagtct ttactctaac     900
tccaggtctt gctgtacatc ttgaagttct caatgcaaga caaccctaca aatgtaagga     960
atgtggaaaa ggctttaagt attttgcaag ccttgataat catatgggaa tccacactga    1020
tgagaaactc tgtgaatttc aggaatatgg gagagctgtc acagcttctt cacacctaaa    1080
gcagtgtgta gcagttcata caggaaagaa atccaaaaag actaagaaat gtgggaaatc    1140
```

```
cttcactaat ttttctcaac tttatgcacc tgtgaaaact cataaaggag agaagtcctt   1200
tgaatgtaaa gaatgtggaa gatcctttag aaattcctca tgccttaatg atcacattca   1260
aattcacact ggaataaaac cacacaagtg tacatactgt gggaaagcct tcactagatc   1320
aactcaactt actgaacatg taagaactca cactggaata aaaccctatg aatgtaagga   1380
atgtggccaa gcctttgctc agtactcggg cctttctata cacatacgaa gtcacagtgg   1440
```

<210> 9525
<211> 973
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (218)...(702)
<223> similar to gi3873878 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
    <400> 9525
ctttctcctg cagcgataag ggcagtcgac agtctttagt agggaaagga gacaagtgct     60
agctactgcc gcccaagtgg aaggaattat ctatagagta agtatgctaa tcttgactaa    120
gactgcagga gttttttta aaccatcaaa aaggaaagtt tatgaatttt taagaagttt     180
taattttcat cctggaacac tatttcttca taaaatagta ttgggaattg aaactagttg    240
tgatgataca gcagctgctg tggtggatga aactggaaat gtgttgggag aagcaataca    300
ttcccaaact gaagttcatt taaaaacagg tgggattgtt cctccagcag ctcaacagct    360
tcacagagaa aatattcaac gaatagtaca agaagctctt tctgccagtg gagtctctcc    420
aagtgacctc tcagcaattg caactaccat aaaaccagga cttgctttaa gcctgggagt    480
gggcttatca tttagcttac agctggtagg acagttaaaa aagccattca ttcccattca    540
tcatatggag gctcatgcac ttactattag gttgaccaat aaagtagaat ttccttttt    600
agttctttg atttctggag gtcactgtct gttggcatta gttcaaggag tttcagattt    660
tctgcttctt ggaaagtctt tggacatagc accaggtgac atgctctttt aaagatagga    720
attatggatg gtcctccatt cttctccaga ctcttctatt cccgagtaca aatgatagca    780
gagccgttgg attgttccta atgtggtaaa tgcttctggg ataccagctc tagaatgagc    840
caggcttgct attaaattcc ctgtcaaggc aatagtagaa gtccgcactg aattcagact    900
atcccctaaa atagtaacac ctcttgcaga caaaatattt aggtccatct ctgtaatgac    960
tttcggacga gtg                                                        973
```

<210> 9526
<211> 920
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (116)...(898)
<223> similar to gi4584544 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9526

```
ggcacgaggt accttaagag ctctggagac cgcgaagaaa gtgggaaagg ttggcgctaa      60
tggtcagaaa gctgctgggc cctctgcaga ttctgtaact gaaaataaaa ttggttctcc     120
acccaagact cctgtaagta atgtagcagc tacctcagct gggccctcta atgttggaac     180
agagctgaat tctgtgcctc aaaaatccag cccatttcta actagagtac cagcatatcc     240
tccgcattct gaaaacattc agtattttca agatccaagg actcagatac cctttgaagt     300
cccacagtac ccacagacag gatactatcc accacctcca acggtaccag ctggtgtggc     360
tccctgtgtt cctcgctttg tgaggtccaa taacgttcca gagtcctccc tcccacctgc     420
ttccatgcca tatgccgatc attacagtac attttcccct cgagatcgaa tgaattcttc     480
tccttaccag cctcctcctc cgcagccgta tggaccagtt cctccagtac cttctggaat     540
gtatgctcct gtgtacgaca gcaggcgcat ctggcgccca cctatgtacc aacgagatga     600
cattattaga agcaattctt tacctccaat ggatgtgatg cactcatctg tctatcagac     660
atctttgcgg gaaagatata actcattaga tggatattat tcggtggctt gtcagccacc     720
aagtgagcca aggacaactg tgcctttacc aagggaacct tgtggtcatt tgaagaccag     780
ttgcgaggag cagataagaa gaaagccaga tcagtgggca cagtaccaca ctcagaaagc     840
acctcttgtc tcttcaactc ttcctgtggc aacacagtca ccaacaccac cttctacact     900
                                                                      920
gaacagagga gaagggtcga
```

<210> 9527
<211> 2263
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (221)...(1086)
<223> similar to gi2554915 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9527

```
agatacagaa aagatgagtc cttgggatat ggagcttata cctaataatg ctgtatttcc      60
tgaagaacta ggtaccagtg ttcctttaac tgatggtgag tgcagatcac taatctataa     120
acctcttgat ggagaatggg gtaccaatcc cagggatgaa gaatgtgaaa gaattgtggc     180
aggaataaac cagttgatga cactagatat tgcctcagca tttgtggccc ccgtggatct     240
gcaagcctat cccatgtatt gcacagtagt ggcatatcca acggatctaa gtacaattaa     300
acaaagactg gaaacaggt tttacaggcg ggtttcttcc ctaatgtggg aagttcgata     360
tatagagcat aatacacgaa catttaatga gcctggaagc cctattgtga atctgctaa      420
attcgtgact gatcttcttc tacattttat aaaggatcag acttgttata acataattcc     480
actttataat tcaatgaaga agaaagtttt gtctgattct gaggatgaag agaaagatgc     540
tgatgtgcca ggaacttcta ctcgaaaaag gaaggaccat cagcctagaa gaagattacg     600
taatagagcc cagtcttacg atattcaagc atggaagaaa cagtgtgaag aattgttaaa     660
tctcatattt caatgtgaag attcagagcc tttccgtcag ccggtagatc tccttgaata     720
tccagactac agagacatca ttgacactcc aatggatttt gctaccgtta gagaaacttt     780
agaggctggg aattatgagt caccaatgga gttatgtaaa gatgtcagac ttattttcag     840
taattccaaa gcatatacac caagcaaaag atcaaggatt tacagcatga gtttgcgctt     900
gtctgcattc tttgaagaac acattagttc agttttatca gattataaat ctgctcttcg     960
```

```
ttttcataaa agaaatacca taaccaaaag gaggaagaaa agaaacagaa gcagctctgt    1020
ttccagtagt gctgcatcaa gccctgaaag gaaaaaaggg atcttaaaac cccagctaaa    1080
atcagaaagc tctacctctg cattctctac acctacacga tcaataccgc caagacacaa    1140
tgctgctcag ataaacggta aaacagaatc tagttctgtg gttcgaacca gaagcaaccg    1200
agtggttgta gatccagttg tcactgagca accatctact tcttcagctg caaagacttt    1260
tattacaaaa gctaatgcat ctgcaatacc agggaaaaca atactagaga attctgtgaa    1320
acattccaaa gctttgaata ctctttccag tcctggtcaa tccagtttta gtcatggcac    1380
taggaataat tctgcaaaag aaaacatgga aaaggaaaag ccagtcaaac gtaaaatgaa    1440
gtcatctgta ctcccaaagg cgtccactct ttcaaagtca tcagctgtca ttgagcaagg    1500
agattgtaag aacaacgctc ttgtaccagg aaccattcaa gtaaatggcc atggaggaca    1560
gccatcaaaa cttgtgaaga ggggacctgg aaggaaacct aaagtagaag ttaataccaa    1620
tagtggtgaa attatacaca agaaaagggg tagaaagccc aaaaaagcta cagtatgcaa    1680
agccagaaga tttagagcaa aataatgtgc atcccatcag agatgaagta cttccttctt    1740
caacatgcaa tttttctttct gaaactaata atgtaaagga agatttgtta cagaaaaaga    1800
atcgtggagg taggaagccc aaaaggaaga tgaagacaca aaaattagat gcagatctcc    1860
tagtccctgc aagtgtcaaa gtgttaagga gaagtaaccg aaaaaagata gatgatccta    1920
tagatgagga agaagagttt gaagaactca aaggctctga acccaccatt aaaactaaga    1980
aatcaaggtc gaaggacagc tttctataat gaggatgact ctgaagagga gcaaaggcag    2040
ctgttgttcg aagacacctc tttaactttt ggaacttcta gtagaggacg agtccgaaag    2100
ttgactgaaa aagcaaaagc taatttaatt ggttggtaac ttgtaccaaa atattttact    2160
tcaaaatcta taaagcaggt acagttaagg aataagtaga actaaggctt ctgcttcctt    2220
gctgctgtgg tggagtaggg aatgttatga tttgatttgc aaa                      2263
```

<210> 9528
<211> 2654
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (377)...(1102)
<223> similar to gi2773183 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9528
```
gggccgccgc gcactgccgg gagagctcga tgggcttttc ctgcgcgccg cccggtgtct     60
ggccgagtcc agagagccgc ggcgcctcgt tccgaggagc catcgccgaa gcccgaggcc    120
gggtcccggg ttggggactg caggggaagg cagcggcggc ggcggcggga gccccaccgg    180
ggtctgggac tggggaactg cctccggctt cacgatgcca gtatggacag aatagcttat    240
gatgcttatc cccacccacc acttccgaaa cattgagcgg aaaccagaat acctccagcc    300
agagaagtgt gtcccacccc cctaccctgg tcctgtggga accatgtggt ttatccgtga    360
cggctgtggc atcgcctgtg ccatcgttac ctggtttctg gtcctctatg cggagttcgt    420
ggtcctcttt gtcatgctga ttccatctcg agactacgtg tatagcatca tcaacggaat    480
tgtgttcaac ctgctggcct tcttggccct ggcctcccac tgccgggcca tgctgacgga    540
ccccgggggca gtgcccaaag gaaatgccac taaagaattc atcgagagtt tacagttgaa    600
gcctgggcag gtggtgtaca agtgccccaa atgctgcagc atcaagcccg accgagccca    660
ccactgcagt gtttgtaagc ggtgcattcg gaagatggac caccactgtc cctgggtcaa    720
caactgtgta ggcgagaaca accagaagta cttcgtcctg tttacaatgt acatagctct    780
catttccttg cacgccctca tcatggtggg attccacttc ctgcattgct ttgaagaaga    840
ttggacaaag tgcagctcct tctctccacc caccacagtg attctcctta tcctgctgtg    900
```
```
                                    7811
```

```
ctttgagggc ctgctcttcc tcattttcac atcagtgatg tttgggaccc aggtgcactc    960
catctgcaca gatgagacgg gaatagaaca attgaaaaag gaagagagaa gatgggctaa   1020
aaaaacaaaa tggatgaaca tgaaagccgt ttttggccac cccttctctc taggctgggc   1080
cagccccttt gccacgccag accaagggaa ggcagacccg taccagtatg tggtctgaag   1140
gaccccgacc ggcatggcca ctcagacaca agtccacacc acagcactac cgtcccatcc   1200
gttctcatga atgtttaaat cgaaaaagca aaacaactac tcttaaaact tttttttatgt   1260
ctcaagtaaa atggctgagc attgcagaga aaaaaaaaaa gtccccacat tttatttttt   1320
aaaaaccatc ctttcgattt cttttgggga ccgaagctgc tctcttttcc ttttaaaatc   1380
acttctctgg cctctggttt ctctctgctg cctgtctggc atgactaatg taaagggcgc   1440
tgtctcgcgc tgtgcccatt ctactaactg agtgagacat gacgctgtgc gtggatggaa   1500
tagtctggac acctggtggg ggatgcatgg gaaagccagg agggccctga cctcccactg   1560
cccaggaggc agtggcgggc tccccgatgg gacataaaac ctcaccgaag atggatgctt   1620
acccccttgag gcctgagaag ggcaggatca gaagggacct tggcacagcg acctcatccc   1680
ccaagtggac acggtttgcc tgctaactcg caaagcaatt gcctgccttg tactttatgg   1740
gcttggggtg tgtagaatga ttttgcgggg gagtggggag aaagatgaaa gaggtcttat   1800
ttgtattctg aatcagcaat tatattccct gtgattattt ggaagagtgt gtaggaaaga   1860
cgttttttcca gttcaaaatg ccttatacaa tcaagaggaa aaaaaattac acaatttcag   1920
gcaagctacg tttttccttttg tttcatctgc ttcctctctc accaccccat ctccctctct   1980
tccccagcaa gatgtcaatt aagcagtgtg aattctgact gcaataggca ccagtgccca   2040
acacatacag ccccaccatc atcccccttct cattttataa acctcaaagt ggattcactt   2100
tctgatagtt aacccccata aatgtgcacg tacctgtgtc ttatctatat tttaacctgg   2160
gagactgttg tcctggcatg gagatgacca tgatgctggg gttacctcac agtccccacc   2220
ctgttgaaag tttgacattt gggccatccc attgggcaga atccacagac acacctaagc   2280
ctgtggcact gggacagaat agattttcca tttgagaggc acttcctgtg tcagtcttgt   2340
ttgaaggagg tggtgatggt ggatagaggt gaaggaggta gggagtgccc tccaagtgca   2400
aaaataacaa atatgattat tgaccatcgg ggaattctca cacattgatt tgttttttaa   2460
gcaattgcca gaaacccct tttttagctt ttgcttgggg tgggggtagg agttaaggtt   2520
tattcaatcc tgtcctgggt agggcgaaag ttaatctagc catgtgattt ttcagaaaag   2580
taagtggaac atgctgccac ttttcaattc tgtcagtgct ccacatggaa aacaaaatgc   2640
aataaaattt ttcc                                                     2654
```

<210> 9529
<211> 563
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (253)...(498)
<223> similar to gi517115 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9529
acccagtctc ttccccaact ctccccaccc ctggtgctct ccgccccgct tgcctcccgt   60
tcatccccgc ccgctccatc cgggtcgctg acggctgtct ctggactgga cagcagtggc   120
```

```
gtccgctttt ctctaaggaa cccgataaga actccatttt ctgttgatgt ggagacatag    180
ggtacctcca actttccggg gtttcagaag agaatttttt attgaaactg gaagaccaaa    240
ataattacaa gcatgttgtg ctggggaaat gcatcctttg ggcagctagg tttgggtgga    300
attgatgaag aaattgtact agagcccaga aaaagtgact tctttataaa taaaagggtc    360
cgagatgtag gatgtggact cagacatact gtgtttgttc tggatgatgg aacagtgtac    420
acatgtggat gtaatgatct aggacagcta ggtcatgaaa aatccagaaa gaaaccagac    480
agagtttcgc tcttgttttc cagggccgag tgcaattgcg gccatttcgg gtnaccgaan    540
                                                                     563
ctttgcntcc aggttcaaga att
```

```
<400> 9530
cccacgcgtc cggttgacac aggagtgctc aggggagcag catcacaaga gggcagatcg     60
aaagcatcgt ccttgctgaa aaaatggcag aggtggaagc ggtacagctg aaggaggaag    120
gaaaccggca tttccagctc caggactaca aggccgccac aaatagctac agccaggccc    180
tgaagctgac caaggacaag gccctgctgg ccacgcttta tcggaaccgg gcagcctgtg    240
gcctgaaaac ggagagctac gtccaggcag cttcagatgc ctccagagcc atcgacatca    300
actcctcgga catcaaggct ctgtatcggc gatgccaggc actggagcac ctggggaagc    360
tggaccaggc cttcaaagac gtgcagcgtt gtgccaccct cgagccacgg aaccagaact    420
                                                                     436
tccaggagat gctgag
```

```
<400> 9531
aacagtcccc ggtgctttgc aagggttcag attgcagaac agtcacatat gggtatttgt     60
```

```
agttataaat acttgaccgt tctctagggg tggggtttcc aactctttaa acaaccctgt    120
tgcctgttat caagctgact ttttgctcca agtgccagaa ttgattgtgg ttaggacatc    180
ttacgctgag aaataaataa aatggaacat aatgggtctg cttcaaatgc tgataaaatc    240
caccagaatc gcctgtcgag tgttacagaa gatgaagacc aagacgctgc tcttaccatt    300
gtgactgtgc tggacaaagt agcctccatc gtggacagtg tgcaggcaag ccagaagaga    360
atagaagaga gacacaggga aatggaaaat gccataaaat ccgtccagat tgacctgttg    420
aagctttcac agtcgcatag caatacaggg catatcatta acaaattgtt tgagaaaacc    480
cgaaaagtta gtgctcacat taaagatgtg aaagcccggg tggagaagca acaaattcat    540
gttaaaaaag ttgaagtcaa gctgggagag agaaatgact gagatgaat                 589
```

```
<210> 9532
<211> 534
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (302)...(530)
<223> similar to gi256994 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters
```

```
    <400> 9532
gaactccttg gaatggcata accatttgac ctttcaaagg ttctccagca gtatttaact     60
gatgcaaaag gaacacactt gcaatttttct acttttgaca tgacagaccc tcctcttagt    120
tcacacaatg ttcaaaaggc acaagtccct cgcttcggaa cgcaagagag cattactttc    180
ccaaagagct acacggttca tactgaagga tgatatgaga aattttcact ttttgtcaaa    240
acttgtactc tcagcgggcc ctctaagacc aactccagca gtcaaacatt caaaaacgac    300
tcactttgag attgaaatat ttgatgctca aacaaggaaa cagatatgta ttctggataa    360
ggggacacaa tcatctacta ttcatgatgt taagcaaaag tttcacaaag catgtccaaa    420
gtggtaccct tctcgagttg gtctgcagct agaatgtggc gggcctttt tgaaggacta     480
cattaccatt caaagtattg cagcttcctc cattggcaca ctgtatgcta caag           534
```

```
<210> 9533
<211> 1065
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (90)...(813)
<223> similar to gi3874510 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters
```

<400> 9533
```
tccagagtcc cgttgctccg ccgcgatatt cagtaaacca ctgggagtcc ggcagcatgg      60
aggcagcgcg ccctcccccg acggcaggga agttcgtggt ggtcggcggc ggcatcgcgg     120
gcgtcacttg tgcggagcag ttggctactc actttccatc ggaagatatt ctcttggtaa     180
cagcttctcc tgttattaaa gcagttacaa atttcaagca gatttctaaa atattggaag     240
aattcgatgt tgaagaacaa tcaagtacca tgttaggaaa acgctttccc aacattaagg     300
ttatagaatc tggcgtaaag caactgaaga gtgaagaaca ctgcattgta acagaagatg     360
gcaatcagca cgtatataag aaactctgtc tgtgtgctgg agctaaacca aagttgatat     420
gtgaaggaaa tccttatgta ttaggaatcc gtgatacaga cagtgctcag gaatttcaga     480
aacagcttac taaagctaaa agaataatga tcatagggaa cggtggtatt gcacttgagt     540
tattgtatga aattgaaggc tgtgaagtga tttgggccat taaagataaa gctataggga     600
atactttctt cgatgcagga gcagctgaat tcttgacttc aaagctcatt gctgaaaaat     660
cagaggctaa aattgcacat aaaagaacca gatatacaac tgaaggaagg aaaaaggaag     720
ctagaagcaa atctaaagca gataatgtag gaagtgcatt gggaccagat tggcatgaag     780
gcttgaatct taaaggaaca aaagagcaat actcacagca tcctcaccag aagtaaactc     840
catctcagat aactacgttc tttgctcatc catgagaaac aacaactcat cttttcaaat     900
tttatcatga gattgcagca atgtagtctc atcttcagga ttcatttcta attacagttc     960
ttttgttatt tccaccatat ctgcctttct ccattgaaat cttgaatccc tcaaagtcat    1020
ccatgaagtt ttctcataag attcaccttg aaactatgtg tgaag                     1065
```

<210> 9534
<211> 676
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (117)...(679)
<223> similar to gi4884372 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9534
```
accgatcgaa gatccctcgg agcgacccac gcgtccggac gccagcgcct gcagaggctg      60
agcagggaaa aagccagtgc cccagcggaa gcacagctca gagctggtct gccatggaca     120
tcctggtccc actcctgcag ctgctggtgc tgcttcttac cctgcccctg cacctcatgg     180
ctctgctggg ctgctggcag cccctgtgca aaagctactt cccctacctg atggccgtgc     240
tgactcccaa gagcaaccgc aagatggaga gcaagaaacg ggagctcttc agccagataa     300
aggggcttac aggagcctcc gggaaagtgg ccctactgga gctgggctgc ggaaccggag     360
ccaactttca gttctaccca ccgggctgca gggtcacctg cctagaccca aatccccact     420
ttgagaagtt cctgacaaag agcatggctg agaacaggca cctccaatat gagcggtttg     480
tggtggctcc tggagaggac atgagacagc tggctgatgg ctccatggat gtggtggtct     540
gcactctggt gctgtgctct gtgcagagcc caaggaaggt cctgcaggag gtccggagag     600
tactgagacc gggaggtgtg ctctttttct gggagcatgt ggcagaacca tatggaagct     660
gggccttcat gtggca                                                      676
```

<210> 9535

<211> 832
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (495)...(59)
<223> similar to gi1778861 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9535
```
ttaacattcc tgatcgattg actctgtcca tataacctcc cttactgaat ctgattactt   60
ttgccttgct tttcttttaa aactggcatt aattttccac acttttaagg ggtttgacca  120
tgggagtttt ccagccaagt cttcaaaatc ctttagaact tcttcctttg tttgtttgaa  180
ctggtaatct tgaaactcct gaaccaccac aaataagtta tcaactgatc tcagacaatg  240
aacctgtgcc agactttcca ctgaaatgac aaaatcagca gagaccgtgg caagatatat  300
tttgcatgat gacccaagtt tctctctgac ttcatctgca gctgtttgct caaagccagt  360
aggtacagtg gctccaatag tgactagaag ctcagattca cttccgaggt cgctttctgt  420
cacttgtaca gacttctggt tctcatgaag gttcacatct aggagttggt tagtggcttc  480
ttcaatgtca cacatgttgg ctgtgcttcc aagatcccta acactgtctc tttaaaagca  540
gtactgtcgt ctcccaactc ccacctacag ggcccgggaa tcctagggag cgggtaaagg  600
cctgggagag ggagcaagat gggctccgcc acgagatccg cctgaagtcc ggctcggcgc  660
cggcctcaac tgcaagagga aggccacccc tctctcccca agctgaaaca ccagaagagc  720
cacactcggc cgttcccaac cgccgccagt taccggccgc cagcgaagac cctttcagct  780
cccacactcc attggcctct tgcggtcagg tcacgccgcc ggaagccgcc cc           832
```


<210> 9536
<211> 882
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (208)...(883)
<223> similar to gi510717 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9536
```
cgcctgcgcc accggcgcac acctgtaggc tgaagtcgcg catgctagat gggaacgttg   60
tttcttctcc cctacccctt ttctgtgggg ctgttttagg gacagactgc ttccgggtcg  120
aagggcttgc ttccggagag cgggaaggct aaaacgcggt agctaaactg cagccaactt  180
tggttgtgtg tggaaaaggc tttagccatg gacaggagtg gctttggaga gatatcatcc  240
cctgtaatcc gggaggcaga ggtgacacgg actgcacgga aacagagtgc tcagaaaaga  300
gttttacttc aggcatctca agatgaaaat tttggtaata ctacaccaag aaaccaggtt  360
atccctcgaa ctcctagctc atttcgacag ccttttaccc caacaagccg aagcttacta  420
aggcagccag atatttcctg cattcttgga acaggaggga agtcgccccg acttacgcag  480
tcttcagggt tctttggaaa tctctccatg gttactaatc tggatgacag taactgggca  540
```

```
gctgcatttt catcacagcg ttccgggctg ttcacaaaca cagagcccca cagtataaca      600
gaagatgtaa ctatcagtgc tgttatgtta cgtgaggatg atcctggaga agctgcatcc      660
atgagtatgt tttctgattt cctgcagtct tttctgaagc actcttcgag tacagttttt      720
gatcttgtgg aagagtatga aaacatctgt ggtagtcagg tgaatatact gagtaaaata      780
gtgagtcgag caacacctgg acttcaaaaa ttttcaaaaa cagccagtat gctctggctt      840
cttcaacagg agatggtcac atggaggctg ctggcttctt tg                         882
```

```
<210> 9537
<211> 645
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (235)...(478)
<223> similar to gi6016005 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9537
ctgcgctact gccggagcgg ggcggttatg gcggctccat attaacagcc tcctcctcct      60
ccgccgccgc cgccgtctcc tcctcctcct cctttccctc ccgcccgcgc tctaagccat     120
ctccgccttc accctgacgc ctgcctcttc ccctcacctt tcccctccc ctgttctacc      180
atgcccggca tgatggagaa agggcccgag ttactgggga agaaccgatc ggccaacggc     240
agcgccaaga gcccggcagg cggcggcggc agcggcgcct cgtccaccaa cggcgggctg     300
cactactcag agcccgagag cggctgcagc agcgacgacg agcacgatgt tgggatgaga     360
gtcggagccg aataccaagc tcggatccct gaatttgatc caggtgctac aaagtacaca     420
gataaagaca atggagggat gcttgtatgg tctccatatc acagtatccc agatgccaca     480
tgtaagtttt cttaagttga atggtaatgt cagcaggagt ttatcagcca attcacaata     540
tgacttacgt ttggtttttgg gtcttataga ttctcataag aaaacagccc tgcctgagct     600
ttagcttcca tgccttcact tcttttttaa tggaggctgt gatac                     645
```

```
<210> 9538
<211> 845
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (248)...(769)
<223> similar to gi5870866 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9538
```

```
gtagatttgg ttgctgtgta cgtggaagaa gcaagcgcat gcgcacatgg gcccccttcg      60
tctcagctgt gcgggaacgg ccgagggtaa catcccgggc tcgcgggagg ctgtcagggt     120
aatggccaca cgctgacaga accagccgag tggaaaaggg gagcgaagcc gttcctctgc     180
accttcccc aggcctgagg ccttcccgct tggtgctgcc gccgccactg ccggctgagg      240
aggggcgatg agttggttca acgcctccca gctctccagc ttcgctaagc aggccctgtc     300
ccaggcccag aagtctattg acagggttct ggacatccag gaagaggagc cgagcatctg     360
ggccgagacc attccgtatg gagagccggg aataagttcc cctgtcagtg gaggatggga     420
tacttcaacc tggggttga aatcaaacac tgaacctcag agtccaccaa tagcctctcc      480
taaagcaatc acaaagccag ttcggaggac tgtggtcgat gaatctgaaa atttcttcag     540
tgcctttctc tcgccaactg atgtccagac cattcagaag agtccagtgg tatcaaaacc     600
tccagcaaaa tcacaacgac cagaagaaga agtgaaaagc agcttacatg aatccttgca     660
cattggccag tcaagaactc ctgaaacaac tgaatcacaa gtaaaagact cttctttgtg     720
tgtttcaggg gaaactctgg cagcaggtac ttcatcacct aaaacatcac aaagtgtatt     780
cggtgaacga tgttcagtcc ccaaatttgg aagttagggc ggcaacttct gcttgaaata     840
agaca                                                                  845
```

```
<210> 9539
<211> 639
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (366)...(639)
<223> similar to gi3879146 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9539
cggacgcgtg ggcgtatttg cgcgtatgag atgcattgtc tcttcctctg gagttgagct      60
gaatgaatac ctccgaagcc gttttgttct ccaaatggga atagctccac tataccagcc     120
tcgtcttcct tccggggggac aacgtgggtc agggcacaga gagatattta atgtcaccct    180
cttggggctt tcatgggact ccctctgcca cattttttgg aggttgggaa agttgctaga     240
ggcttcagaa ctccagccta atggatccca aactcgggag aatggctgcg tccctgctgg      300
ctgtgctgct gctgctgctg ctggagcgcg gcatgttctc ctcaccctcc ccgcccccgg     360
cgctgttaga gaaagtcttc cagtacattg acctccatca ggatgaattt gtgcagacgc     420
tgaaggagtg ggtggccatc gagagcgact ctgtccagcc tgtgcctcgc ttcagacaag     480
agctcttcag aatgatggcc gtggctgcgg acacgctgca gcgcctgggg gcccgtgtgg     540
cctcggtgga catgggtcct cagcagctgc ccgatggtca gagtcttcca atacctcccg     600
tcatcctggc cgaactgggg agcgatccca cgaaaggct                            639
```

```
<210> 9540
<211> 601
<212> DNA
<213> Homo sapiens

<220>
```

<221> misc_feature
<222> (53)...(594)
<223> similar to gi3046746 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9540
cagatagagg ataaatctcc tggcaaagcc cagaatgacc acagccctgg aacctgagga   60
ccaaaaagga cttctgataa ttaaggcaga ggaccattac tggggacagg attccagctc   120
acaaaagtgc agtcctcaca ggagggaact ctatagacaa cacttcagga agctctgcta   180
tcaggatgca cctggacccc gtgaagctct tacccagctg tgggagctct gccgtcagtg   240
gctgaggcca gaatgccaca ccaaggagca gattttagac ctgctggtgc tagaacagtt   300
cctgagcatt cttcctaaag acctgcaagc atgggtgcgt gcacaccatc cagagactgg   360
agaggaggca gtgacggtac tggaggatct ggagagagag cttgatgaac ctggaaagca   420
ggtcccaggc aattcagaaa gacgggacat actcatggac aagttggccc ccttgggaag   480
gccatatgaa tcactgactg tccagctcca tcccaaaaag acccagctgg agcaggaagc   540
tgggaaacca caaaggaatg gtgataaaac taggactaag aatgaagagt tgttccagaa   600
g   601

<210> 9541
<211> 856
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (54)...(706)
<223> similar to gi683572 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9541
ggcacgaggt ggctgaagag gcaggaggaa cagtgtatcc acagcgtggg accatgccag   60
gcacaaaacg gtttcaacat gtcattgaga ccccggagcc tggcaagtgg gagttgactg   120
ggtacgaggc agctgtgcca atcacggaga agtcaaaccc actgacccaa gatctagaca   180
aagcagatgc tgagaacatt gttcgactgc tagggcaatg tgatgctgag atctttcagg   240
aggaggggca agccctgtcc acataccaga gactctacag cgaatccatt ctgaccacca   300
tggtacaggt ggctgggaaa gttcaggaag tgctgaagga gccagatggg gggctggttg   360
tgctgagtgg aggggcacc tctggccgga tggcattcct catgtcggtg tcctttaatc   420
agctgatgaa aggtctggga cagaaacctc tttacaccta cctcattgca ggtggtgaca   480
ggtctgtggt ggcctctagg gaggggacag aagatagtgc cttgcacggg attgaggaac   540
tgaagaaggt ggctgccggg aagaagagag tgattgtcat tggcatttct gtgggactct   600
ctgctccctt tgtggcaggc cagatggact gctgcatgaa caacacagct gtcttcttgc   660
cagtcctggt tggcttcaat ccagtgagca tggccaggca cccctttcct cccccgagga   720
tcctcagatc tctcactgtc ttcccttccc tgagagcccc tcattaccaa atcacctccc   780
tcttattctc tatgtcagtg gtcactctta tttcagaata aatcaacata ttaaaccagt   840
aaaaaaaaaa aaaagg   856

7819

<210> 9542
<211> 556
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (206)...(444)
<223> similar to gi458542 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


```
       <400> 9542
cgataaaaca gacatctctt gttttccaga tactacgggt cataatccct aactccaatc    60
actggcaact cctgagatca gaggaaaacc agcaacagcg tgggagtttg gggagaggca   120
ttccatacca gattctgtgg cctgcaggtg acatgctgcc taagagaagc aggagtctgt   180
gacagccacc ccaacacgtg acgtcatggc cagtagggaa gatgagctga ggaactgtgt   240
ggtatgtggg gaccaagcca caggctacca ctttaatgcg ctgacttgtg agggctgcaa   300
gggtttcttc aggagaacag tcagcaaaag cattggtccc acctgccct ttgctggaag    360
ctgtgaagtc agcaagactc agaggcgcca ctgcccagcc tgcaggttgc agaagtgctt   420
aaatgctggc atgaggaaag acagtaactg tgctatgctc ccaaaggagg atgtaactgg   480
ggctcacaga agttaatttg cccaagttaa ttcaactaaa aacttgtgca ggccgagcac   540
ggtggctcac acctct                                                   556
```


<210> 9543
<211> 766
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (313)...(683)
<223> similar to gi4589592 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


```
       <400> 9543
tttcgtaagg catgcctcgt gcagtgccca ccctctgtta ctcaaaaatg tagttcacct    60
ccgcgacctc accccttctt cccttagcat gtgaaaatga cggcttggca gtttcaccag   120
ctcacaggag agcgtccagc tgctctgctc ctggtataat cctgggcctc caaaactgaa   180
acgagcacat gaagaggact gtcagaagga cgtagaaggc acggttttac tgtgaggagc   240
aaagattctt tacctacgca ttttacaaga aatgtgcaga aagccattga taaatatacc   300
tgcaaatcct tgtcatcctt ttcctccagc ggaagccata cacccacggg agcccacacc   360
tcttggtctg ggtcggccac acagagctct accaccggct catccacgga gaggggctcc   420
gtttattcct ggagagatga cgaatttgac gaagccagtt cacagtcagt gcagcggtta   480
ctctgggagg tggaggaaat gttatttgaa gggaaagtga accctcagac ccaaagtctg   540
```


7820

```
ctggccgaat gcggggagtg gacaagaaga tccctccatt tgagagtatt aggaagacag    600
ctgatcctgc ccactgacga aggcgtccag catttccagg gcagcactcc tgcctccgca    660
gtccacagac ccccgctcag tgcctgcgga cacagcagca acatcagaga gttgtgcatt    720
tctggctctc aaatagtccc agcagcactc tcagcctctg ccctgc                   766
```

```
<210> 9544
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (169)...(376)
<223> similar to gi2275218 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9544
gcttgaatgg tggagccgaa gctcggctcg tgaacacaca ctgacagcta tagggcaggc    60
ggcggcaccg tccccgcttc ccctcggcgg cggggtgtcc cgtcggcggc cctgaagtga   120
cccataaaca tgtcttgtga gaggaaaggc ctctcggagc tgcgatcgga gctctacttc   180
ctcatcgccc ggttcctgga agatggaccc tgtcagcagg cggctcaggt gctgatccgc   240
gaggtggccg agaaggagct gctgccccgg cgcaccgact ggaccgggaa ggagcatccc   300
aggacctacc agaatctggt gaagtattac agacacttag cacctgatca cttgctgcaa   360
atatgtcatc gactaggacc tcttcttgaa caagaaattc ctcaaagtgt tcctggagta   420
canactttat taggagcg                                                  438
```

```
<210> 9545
<211> 987
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (683)...(791)
<223> similar to gi4139228 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9545
```

```
gaatgacagg gtccagaaac tggcgagcca cgagggacat gtgtaggtat cggcacaact      60
atccggtacg tacctgcccc tgccccggga cacagaaccc tcccgccagc tgctcttctc     120
aggcagaatg tcccaggttc tactggaagg ctggcctggc ttgctgtgcc agggccacag     180
ttctgggcag gaccctgcct ggggcacagc ctggtataga ttcagagccc tgcccttccc     240
ctctcgcggg agaccggggg catcccccta cttttctgag cttcagcaca ccgtcgcctt     300
gcaaacatgg ccatagtgcc agcctcgtga tgcacacgtg tggggtccgt gataccgccc     360
acacagcacc ccacccccat gccagccctg tctcctgcag gttgtcctca gccattaccc     420
tccacacccc tgaatcacgg aaacccctgt gctgccttca gggtgctgag gaggggacct     480
gccaggcctg gcctggctgg cgaaatgggg aagggggtc cctggggctt ggaggcagct     540
gctgtcctct gaatggcccc cacctgcaga gtgaggagcc aggcgggctc ttggggtatt     600
gggccagcct ggaggtttgc agatgcgcct ccccgaaaga cacggagggc cccagggcag     660
cttgtgtctg atggatccct gctgtcccct ttctctggct cttcaggatc tggtggaacg     720
agactgcaat ggggacacgc caaacctgag tttctacaga aatgagatcc gcttcctgcc     780
caacggtagg tgcctcacaa ccactggcag ccggcacttc catccttgcc tggcaggggt     840
ggtccactgg gccctggttt gggatgtacc cggcgattac cagggccacg gctttcaaat     900
agccccacag tgccccctgg aggcggccag agggactcca ggatccccag cttgggatct     960
ccgcagtggt gtttgggtcg gggtggg                                         987
```

```
    <400> 9546
acaaacaggt ggggtcaagc acggagagag aactgcccag ggtataaaaa gggcccacag      60
gagaccggct ctaggatccc aaggcccaac tccccgaacc actcagggtc ctgtggacag     120
ctcacctagt ggcaatggct ccaggctccc ggacgtccct gctcctggct tttgccctgc     180
tctgcctgcc ctggcttcaa gaggctggtg ccgtccaaac cgttccgtta tccaggcttt     240
ttgaccacgc tatgctccaa gcccatcgcg cgcaccagct ggccattgac acctaccagg     300
agtttgaaga aacctatatc ccaaaggacc agaagtattc attcctgcat gactcccaga     360
cctccttctg cttctcagac tctattccga caccctccaa catggaggaa acgcaacaga     420
aatccaatct agagctgctc cgcatctccc tgctgctcat cgagtcgtgg ctggagcccg     480
tgcggatcct catgagtata gtccccaac                                       509
```

<221> misc_feature
<222> (1)...(769)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (122)...(768)
<223> similar to gi37261 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9547
acctgcttgc ggtgtagtgg gcggaccgcg cggctggagg tgtgaggatc cgaacccagg   60
ggtggggggt ggaggcggct cctgcgatcg aaggggactt gagactcacc ggccgcacgc   120
catgagggcc ctgtgggtgc tgggcctctg ctgcgtcctg ctgaccttcg ggtcggtcag   180
agctgacgat gaagttgatg tggatggtac agtagaagag gatctgggta aaagtagaga   240
aggatcaagg acggatgatg aagtagtaca gagagaggaa gaagctattc agttggatgg   300
attaaatgca tcacaaataa gagaacttag agagaagtcg gaaaagtttg ccttccaagc   360
cgaagttaac agaatgatga aacttatcat caattcattg tataaaaata aagagatttt   420
cctgagagaa ctgatttcaa atgcttctga tgctttagat aagataaggc taatatcact   480
gactgatgaa aatgctcttt ctggaaatga ggaactaaca gtcaaaatta agtgtgataa   540
ggagaagaac ctgctgcatg tcacagacac cggtgtagga atgaccagag aagagttggt   600
taaaaacctt ggtaccatag ccaaatctgg gacaagcgag ttttttaaaca aaatgactga   660
agcacaggaa gatggccagt caacttctga attgattggc cagtttggtg tcggtttcta   720
ttccgccttc cttgtagcag ataaggttat ttgcnnnctt cannntct   768

<210> 9548
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (37)...(391)
<223> similar to gi4337102 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9548
aggtcttgga gcaagagaac ttggcaggct ctccccatgg cagtcttatt cctcctcctg   60
ttcctatgtg gaactcccca ggctgcagac aacatgcagg ccatctatgt ggccttgggg   120
gaggcagtag agctgccatg tccctcacca tctactctac atgggacga acacctgtca   180
tggttctgca gccctgcagc aggctccttc accaccctgg tagcccaagt ccaagtgggc   240
aggccagccc cagaccctgg aaaaccagga agggaatcca ggctcagact gctggggaac   300
tattctttgt ggttggaggg atccaaagag gaagatgccg ggcggtactg gtgcgctgtg   360
ctaggtcagc accacaacta ccagaactgg   390

```
<210> 9549
<211> 695
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (229)...(696)
<223> similar to gi4587993 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


        <400> 9549
agggcgaccc acgcgtccgg gacgcgtggg cggaagatgg cggccggcga aaggagctgg     60
tgcctgtgca agttgttgag gtttttttat tcattattct tccctgggct cattgtatgt    120
ggaactttat gtgtgtgttt ggtcattgtc ctttgggga tcagactgct gctacagaga    180
aagaaaaaat tagtgtcaac tagcaaaaat gggaaaaatc aaatggtgat tgcatttttt    240
catccatact gcaatgctgg tggaggagga gaaagagttt tatggtgtgc tttaagagcc    300
ctgcagaaaa agtatcctga agcagtttat gttgtttata ccggcgatgt taatgtcaac    360
ggtcaacaga tactagaagg tgctttcaga agatttaaca tcagattaat tcacccagtg    420
cagtttgttt ttttaaggaa acgctatctt gtggaagatt cactgtatcc tcacttcaca    480
ctgctgggcc aaagtctagg atccattttt cttggctggg aagctctaat gcagtgtgtt    540
cctgatgttt acattgattc aatgggatac gcttttacgc ttcctctgtt taagtatata    600
gggggctgcc aagctggaag ctatgttcat tatcctacta tcagcaccga catgctctct    660
gtagtgaaga atcaaaatat tggaattaat aatgg                               695


<210> 9550
<211> 206
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (53)...(106)
<223> similar to gi1147632 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


        <400> 9550
ccgttcgcca ggcatttttt aaaccaaata attttttgt cccacaacgt tggttgtttt     60
attaaagtgt gggaaagtcc ccccccccc aaaaaaccac ccccggggc caaggttttt    120
tacccccttt ttccccttg ttttggtcct tttaaccaaa accaggtacc tccccaaaaa    180
aggtttttc ccccaaaaaa aaaaaa                                          206
```

<210> 9551
<211> 503
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (176)...(505)
<223> similar to gi1772345 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9551
```
gatcacgtgg gcagctccgg gcgcggcgct tgttttggtt tccttctaac ttgcccacgg      60
cagcttcggg gtgagcgact ttcctgcacc agctgccgcg cctgctcaca ccctgacctc     120
gttttcgggc tctctgagcc cgcagttccg caagcccctg gggcgggctc ctgccatgcc     180
gctagtccgc tacaggaagg tggtcatcct cggataccgc tgtgtaggga agacatcttt     240
ggcacatcaa tttgtggaag gcgagttctc ggaaggctac gatcctacag tggagaatac     300
ttacagcaag atagtgactc ttggcaaaga tgagtttcac ctacatctgg tggacacagc     360
agggcaggat gagtacagca ttctgcccta ttcattcatc attggggtcc atggttatgt     420
gcttgtgtat tctgtcacct ctctgcatag cttccaagtc attgagagtc tgtaccaaaa     480
                                                                     503
gctacatgaa ggccatggga aaa
```


<210> 9552
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (146)...(345)
<223> similar to gi4522026 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9552
```
atctggaatt cgcggccgcg tcgacttttt ttgcaataca aatttatatt tcttacactc      60
cataattttt aacaaccata atgaatcagg tacaatattt aaagctttta tgattttttt     120
ttaactaaga aattttaaaa cacacatgcc acctgcacca tcaggaccca aagcatctcc     180
tatgcctgtt cctacagaat catcatctca gaaaacagca gtgcctcccc aagtaaaatt     240
agtgaaaaag caagaacaag aagtaaaaac ggaagctgaa aaagtcattc tggaaaaagt     300
                                                                     343
aaaggaaaca ctatcaatgg aaaaaattcc tcctatggta acc
```


<210> 9553
```

<211> 488
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (149)...(490)
<223> similar to gi2851769 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters


<400> 9553
```
ctgcatccgg gtccgtggga ttcgcgctcc actggtcagc tggggtcgct ctcgggtggt   60
tgggtgttgc ttgttcccgc tgttccagcg tcgaaaaacc attgggtctg ccggtttgaa   120
cttgttctgg aagctgtgcg tcaccgtaat gaggcttgta attcttgata actatgactt   180
ggctagtgaa tgggcagcca aatacatctg taatcgcatc attcagttca aacctggaca   240
ggacagatat tttacactgg gtttaccaac agggagtaca cctttaggat gctataaaaa   300
actaatagaa tatcataaga atggacacct ttcttttaaa tatgtgaaga cctttaatat   360
ggatgaatat gtaggacttc caagaaatca tcctgaaagc taccattctt atatgtggaa   420
taattttttt aagcatatcg atatagatcc taataatgca catatccttg acgggaatgc   480
tgcagatt   488
```


<210> 9554
<211> 1347
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1159)...(1348)
<223> similar to gi1183162 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters


<400> 9554
```
tttttttttt ttgatgtagg gctttggcct ctttattttc tttttacagt ttattccaca   60
agtaaaagac ttcacaaagc actatggctc tgactattcc ccgaatgagc tgctgaggat   120
ggagctggct attctggaca gactgcactg ggacctctat attgggacgc cgctggactt   180
cttgactata gtgagtaagg aggtgtttac agagtctacc ctaaactcgt ttgtgccttt   240
ggaacagctg tttacaacat gggatggcaa agcacaggcg tgcacacgcc cttgcacatg   300
caccacagtg aggtgaccca caaggctcat gacatacgga agagtgaaaa ggtatcttaa   360
atccaacaca gttccaccag actcccactt ctaaaggaca ttaaattaac tttacaaaga   420
tttttagacg gcactattat ggtgagtttc tcttttaaat acacactgca aaaatattta   480
actttccatt ctatgaatac tgtacataaa tatctgtctg cttttgctac actttacaca   540
cattcactta gctgtcttta ttcacctaca cacaatcctt attgaagctt tagaccatat   600
tgatctggca cttaaaaaaa tatcatacat tagtttgtat ttgttttagt tgggggaatg   660
atggtcatcc ttaaggatat gattctgtta gtaaggcaaa attatgcaat gtggaaatct   720
catgggtttt tggtttgtta tgaagcatga agattaaatt actaaagact gtttcattac   780
gaaaactggc ccccgttgcc aagttgcaga gtttcgtctt atgataagca gatacaagta   840
```

```
acttttctgc taccttggtc ttgaatagta tgtttctatt tttcagaatg gaaacattgt      900
catctaggta ctttccgctc ataacgatga tgtcacaaag cagacttttt tttttttttg      960
gtcccggagt ggaagctcag cttggccaca ggatgggcat taagcctcaa gccccttacg     1020
gagccatgga taggaatgaa aagggttggg caacatttga tgttccctga tggaaattta     1080
aattgtttgc acttttgatc attgatatag gaaaagtatg gcgttttctg ttctaacatt     1140
aaaaaccatg gtctccagtt ccatgccctg gtggtcctga gctggcccca tgtgttggag     1200
ctgctgcctc agaggaatcc ttccctccac gtcgcatccc tgaccaggca gctgcagcac     1260
tgtatggcgg gccaccagct gctgcagttc aagggctcca cactggcctt ggtcatcatc     1320
accttagagc tggagaggct catgccc                                         1347
```

```
<210> 9555
<211> 874
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (153)...(865)
<223> similar to gi1464742 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters
```

```
<400> 9555
ttttgttacg ttgacatctc aaacaccaaa cgccaagctt ggcacgaggg gcactggtgt      60
gaaggaacat ggccctgtat cagaggtggc ggtgtctccg gctccaaggt ttacaggctt     120
gcaggctaca cacggcagtt gtgtcgaccc ctccacgctg gttggcagag cggcttggcc     180
tttttgagga gctgtgggct gctcaggtaa agagattagc aagcatggca cagaaggaac     240
cccggactat taagatatca cttcctggag gccagaaaat tgatgctgtg gcatggaaca     300
caacccccta ccaactagcc cggcagatca gttcaacact ggcagatact gcagtggctg     360
ctcaagtgaa tggagaacct tatgatctgg agcggccctt ggagacagat tctgacctca     420
gatttctgac attcgattcc ccagagggga aagcagtgtt ctggcactcc agcacccatg     480
tcctgggggc agcagctgaa caattcctag gtgctgttct ctgcagaggt ccaagtacag     540
aatatggctt ttaccatgat ttcttcctgg gaaaggagag gacaatccgg ggctcagagc     600
tgcctgtttt ggagcggatt tgccaggaac ttacagctgc tgctcgaccc ttccggaggc     660
tagaggcttc acgggatcag cttcgccagt tgttcaagga taaccccttt aagcttcact     720
tgattgagga gaaagtgaca ggtccaacag caacagtata tgggtgtggc acattggttg     780
acctttgcca gggcccccac cttcggcata ctggacagat tggaggactg aagctgctat     840
cgaactcatc atccttatgg aggtcttcag gggg                                 874
```

```
<210> 9556
<211> 658
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (197)...(660)
```

<400> 9556

```
catgtattca gactctttag catatacagt agagtttcta atgttgtcag cattccctag    60
tgggcagtta caagttaggt tgggattcta atcatatttt atgatatctc acagattaaa   120
ttgcactttg tctctgccca gtcttgattc ccttttggcc agcagttttt aggtctgtca   180
gtactgcact gcaagaatgg cagattttgg gatctctgct ggccagtttg tggcagtggt   240
ctgggataag tcatccccag tggaggctct gaaaggtctg gtggataagc ttcaagcgtt   300
aaccggcaat gagggccgcg tgtctgtgga aaacatcaag cagctgttgc aatctgccca   360
caaagaatcc agctttgaca ttattttgtc aggtttagtc ccaggaagca ccactctgca   420
cagtgctgag attttggctg aaatcgcccg gatccttcgg cctggtggat gtcttttct    480
gaaggagcca gtagagacag ctgtagataa caatagcaaa gtgaagacag catctaagct   540
gtgttcagcc ctgactcttt ctggtcttgt ggaagtgaaa gagctgcagc gggagcccct   600
aacccctgag gaagtacagt ctgttcgaga acaccttggt catgaaagtg acaacctg     658
```

<210> 9557
<211> 1002
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (335)...(1004)

<400> 9557

```
ataactttgt aacttcactt cagcctccca ttgatcgctt tctgcaacca ttcagactga    60
tctcgggctc ctatttcatt tacattgtgt gcacaccaag taaccagtgg gaaaacttta   120
gagggtactt aaaccccaga aaattctgaa accgggctct tgagccgcta tcctcgggcc   180
tgctcccacc ctgtggagtg cactttcgtt ttcaataaat ctctgctttt gttgcttcat   240
tctttccttg ctttgtttgt gagtttgtcc agttctttgt tcaacacgcc aagaacctgg   300
acactcttca ctggtaacat attttggcaa gccaaccagg agaaaagaat ttctgcttgg   360
acactgcata gctgctggga aaatgaacat cagtgttgat ttggaaacga attatgccga   420
gttggttcta gatgtgggaa gagtcactct tggagagaac agtaggaaaa aaatgaagga   480
ttgtaaactg agaaaaaagc agaatgaaag ggtctcacga gctatgtgtg ctctgctcaa   540
ttctggaggg ggagtgatca aggctgaaat tgagaatgaa gactatagtt atacaaaaga   600
tggaatagga ctagatttgg aaaattcttt tagtaacatt ctgttatttg ttcctgagta   660
cttagacttc atgcagaatg gtaactactt tctgattttt gtgaagtcat ggagcttgaa   720
cacctctggt ctgcggatta ccaccttgag ctccaatttg tacaaaagag atataacatc   780
tgcaaaagtc atgaatgcca ctgctgcact ggagttcctc aaagacatga aaaagactag   840
agggagattg tatttaagac cagaattgct ggcaaagagg ccccgtgttg atatacaaga   900
agaaaataac atgaaggcct tggccggggt ttttttgat agaacagaac ttgatcggaa   960
agaaaaattg acctttactg aatccacaca tgttgaaatt aa                     1002
```

<210> 9558
<211> 1671
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (397)...(1672)
<223> similar to gi475021 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9558

```
gcggcttgtg tccacgggac gcggtacgga tgcttctccg gccatgagga aaccagccgc      60
tggcttcctt ccctcactcc tgaagggtga gaggtttaca cctgctccaa cagactctcc     120
ccgggctagt cctctccctc ccgagagctc tgcttttacg gtttctggat cgcttcctca     180
tggtggtcgc gctgggtcgg ctccctaggt cctgggatac tcccatctcc ccccgcccgc     240
ggccggacct ttgcctctgt ctctagactc cccccgcccт ggtcagcagg gataaccctc     300
accccgttcc taatttgcca gtctgggtct gtctgccctg gtctcggagc gggtttttggg     360
gttcggtcct ttcatcatcc ggtcgcccgc tccgcagtgc tgctcctgcc tctggcacct     420
gccgcagccc aggattcgac tcaggcctcc actccaggca gccctctctc tcctaccgaa     480
tacgaacgct tcttcgcact gctgactcca acctggaagg cagagactac ctgccgtctc     540
cgtgcaaccc acggctgccg gaatcccaca ctcgtccagc tggaccaata tgaaaaccac     600
ggcttagtgc ccgatggtgc tgtctgctcc aacctccctt atgcctcctg gtttgagtct     660
ttctgccagt tcactcacta ccgttgctcc aaccacgtct actatgccaa gagagtcctg     720
tgttcccagc cagtctctat tctctcacct aacactctca aggagataga agcttcagct     780
gaagtctcac ccaccacgat gacctccccc atctcacccc acttcacagt gacagaacgc     840
cagaccttcc agccctggcc tgagaggctc agcaacaacg tggaagagct cctacaatcc     900
tccttgtccc tgggaggcca ggagcaagcg ccagagcaca agcaggagca aggagtggag     960
cacaggcagg agccgacaca agaacacaag caggaagagg ggcagaaaca ggaagagcaa    1020
gaagaggaac aggaagagga gggaaagcag gaagaaggac aggggactaa ggagggacgg    1080
gaggctgtgt ctcagctgca gacagactca gagcccagt ttcactctga atctctatct    1140
tctaacccтt cctcttttgc tccccgggta cgagaagtag agtctactcc tatgataatg    1200
gagaacatcc aggagctcat tcgatcagcc caggaaatag atgaaatgaa tgaaatatat    1260
gatgagaact cctactggag aaaccaaaac cctggcagcc tcctgcagct gccccacaca    1320
gaggccttgc tggtgctgtg ctattcgatc gtggagaata cctgcatcat aaccccccaca    1380
gccaaggcct ggaagtacat ggaggaggag atccttggtt tcgggaagtc ggtctgtgac   .1440
agccttgggc ggcgacacat gtctacctgt gccctctgtg acttctgctc cttgaagctg    1500
gagcagtgcc actcagaggc cagcctgcag cggcaacaat gcgacacctc ccacaagact    1560
ccctttgtca gccccttgct tgcctcccag agcctgtcca tcggcaacca ggtagggtcc    1620
ccagaatcag gccgctttta cgggctggat ttgtacggtg ggctccacat g             1671
```

<210> 9559
<211> 1143
<212> DNA
<213> Homo sapiens

<220>

<400> 9559

```
gcggaggcgg tgagtgcgcg gctccggggc tggccgactc cgctagtggc ccggccggcc      60
tgtgctcggg ggctccgggc tctgggctct gggtgcgcgg accgggccag gctgcttgaa     120
gacctcgcga cctgtgtcag cagagccgcc ctgcaccacc atgtgcatca tcttctttaa     180
gtttgatcct cgccctgttt ccaaaaacgc gtacaggctc atcttggcag ccaacaggga     240
tgaattctac agccgaccct ccaagttagc tgacttctgg gggaacaaca acgagatcct     300
cagtgggctg gacatggagg aaggcaagga aggaggcaca tggctgggca tcagcacacg     360
tggcaagctg gcagcactca ccaactacct gcagccgcag ctggactggc aggcccgagg     420
gcgaggtgaa cttgtcaccc actttctgac cactgacgtg gacagcttgt cctacctgaa     480
gaaggtctct atggagggcc atctgtacaa tggcttcaac ctcatagcag ccgacctgag     540
cacagcaaag ggagacgtca tttgctacta tgggaaccga ggggagcctg atcctatcgt     600
tttgacgcca ggcacctacg ggctgagcaa cgcgctgctg gagactccct ggaggaagct     660
gtgctttggg aagcagctct tcctggaggc tgtggaacgg agccaggcgc tgcccaagga     720
tgtgctcatc gccagcctcc tggatgtgct caacaatgaa gaggcgcagc tgccagaccc     780
ggccatcgag gaccagggtg gggagtacgt gcagcccatg ctgagcaagt acgcggctgt     840
gtgcgtgcgc tgccctggct acggcaccag gtattgcagc accgtgggtg cgccacctcc     900
tatcccatgt cccacctccc acgctagagg gccggcaaag aagccaagtg cccatagcca     960
gagccaggct tcttcctcgc ctgagtggat tccagagctt ctgccctgtc cagacgcagc    1020
tgcaggaacc aacactatca tcctggtaga tgcggacggc cacgtgacct tcactgagcg    1080
tagcatgatg gacaaggacc tctcccactg ggagaccaga acctatgagt tcacactgca    1140
gag                                                                  1143
```

<210> 9560
<211> 390
<212> DNA
<213> Homo sapiens

<400> 9560

```
ctttgccttg atttcttctt gtaaaatgta taatatattc tccttgtaag gagtaagaca      60
tcaatgaagt aattcccgta tacataatta taaactagca acattttagt agcataatat     120
ttttttaata tcaaagttcc aacctatggt atttgatatt gtttttccat ttctgcatca     180
tcattcaaat caatactggt tgtacattct gctatctcct catcttgctt tccttaaact     240
ctagctgaat gatcaagcaa atccccaatt tccagagttt ctcttctatt acaacctctc     300
actcccctg acaggcttct ctgttgcatc tacggtgcag tctcacacca agggaatttg     360
gatatggtgt gtgcctcatc ccaactggcc                                     390
```

<210> 9561
<211> 898
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(899)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (357)...(688)
<223> similar to gi15888 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9561
```
tttttttttt ttgtgacagt ttctccactt tattagcctg gagctcctcc ctgccagccc    60
caggggctgg tcgctggtcc ctgggcacag tgagcagggc tgaggtcaga cgggttcggc   120
ccttggccat ggcagcttgg ttgggacagc cgggccaagg gaaaaaaagg tgcaaaagtc   180
caaatgctgg cacttcaggt gtggccggca cccagccagg cgcagtgggt gggcagggcg   240
ccatgcttct ctcctggcga caggtcggcc gtgtagcagc gcccctccc agcagccact     300
aggaacagct ggtgattctc gccaggaact gctgcgccca ccactcgtct aggtcaatgg   360
ggcacaaagt tctgcagccg gggattgggg gtcctctcca cgtactgcac aggccttggc   420
ccgccctcac cggctgggcc accatccagc tgctgttgca cctgctgcca ggcttcggac   480
acaaagcgga cattctcctc gtgggccact gtgtaggtct cctgggtccc ctcgaaggat   540
ggggacgtgg aggggcccg ccggccattc acacgattga acacaagcct tggccctgga    600
ctgcaggaag ggaggagacg gacatggttg gtgcccatcc caggtgcggt gctgcctggc   660
agaactcagg agcagccccg ggccagccca ctttccccag acttggccag cctaggcact   720
tcctgaacca gagagagcag ccacccacag cagccggtgg cccaggcctc tcttgcagtc   780
cccaagccat cggcagctca gctcacacct gcagccctgt gtcctgaggg aagtgagtga   840
ctgtaggggg ganatgcncc gcctagaggt tcgatcggtg gaaagacagc cgggcccc     898
```


<210> 9562
<211> 600
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (434)...(527)
<223> similar to gi1944203 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9562

```
ggaattcggc tttgacatag ttaacaagcc ctaggatgtc tgcactggaa aaatgggaga    60
tctcatttag tccaaactcc tcctctgtta agagacctgg aataaagcca ctattaatca   120
actattagtt tggtgactat tagtcaaagc caggaccaga gccagaagct ggactttcct   180
ttcccctggc caaaccttgt gtgcacactg tttcttcccc tccccaccct gtcaggccat   240
tgatgtgatg gctccccatt cacaccttca tttctcctct ttaacgtgac cagggctgtt   300
ctgaacctcc ttactttggc ctcctctgcc cagaacaggt caggcccctc tgcatccatc   360
aaccaggtgt gctctcctga ccattctttg tcagatgggc accttcacta actcagctct   420
ttggattgct ttgcagatta tgtttgagac tttcaatgtc ccagccatgt atgtggctat   480
ccaggcggag ctgtctctct atgcctctgg acgcacaact ggtaggtggc tgggcgggac   540
agcaagctgg ttggagcgca ctgccagaga tgggattgaa tggtcgctaa cacggggcgg   600
```

<210> 9563
<211> 681
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (116)...(578)
<223> similar to gi3043558 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9563

```
gagctacggc acctcggccc tggctgggcg cgcagcgagg cccaggccca gaggggtgag    60
gcccaggcca ctccggagcg cgcgctgttc ccgcgaagcg agtcgccgtc tcgtacagca   120
gcgtgcaggg tcaaagacag ccggcccccc atgtcagtgg tctaggatgg ccagtgaagg   180
caccaacatc ccaagtcctg tggtcgcca  gattgacaag cagtttctga tttgcagtat   240
atgcctggaa cggtacaaga atcccaaggt tctcccctgt ctgcacactt tctgcgagag   300
gtgcctgcag aactacattc ctgcccacag tttaaccctc tcctgcccag tgtgccgcca   360
gacctccatc ctgcccgaga aaggggtggc cgcgctccag aacaatttct tcatcacaaa   420
cctgatggac gtgctgcagc gaactccagg cagcaacgct gaggagtctt ccatcctgga   480
gacagtcact gctgtggctg cgggaaagcc tctctcttgc ccaaaccacg atgggaatgt   540
aagtggctgg gatggcagat actgcccggg agcatgacta ctgtggcctt ggggaggctt   600
tgggtacatc agagattaca gattgaaaca gaactccatg tggaaaaatc agtaattaaa   660
                                                                   681
aaagattttt accagcaaaa a
```

<210> 9564
<211> 707
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (131)...(709)
```

<223> similar to gi3880433 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9564
tgaggaattc ggcacgaggc ctgcaggccc ccggtacgat cagatccgga ctccggcccg   60
gactacgagg cgctgtcggc tggagccact gtcaccacgc acatgtgggg catgcgccga   120
gccatggatg ctggagcact gcttgatgta ccccatcgac tgcgtgatga cccggatgca   180
tagtctacag tctgacccag ctggccgcta tcgcaatgtg ttggaggtcc tctggaggat   240
tataagaacg gagggcctat ggaggcccat gaggggggctg aacgtcacag caacaggcgc   300
atggcctgcc cacgcccttt attttgcctg ctacgaaaag ttaaaaaaga cattgagtga   360
tgtaatccac cctgggggca atagccatat tgccaatggt gcggccgggt gtgtggcaac   420
attacttcat gatgcagcca tgaaccctgc ggaagtggtc aagcagagga tgcagatgta   480
caactcacca taccaccggg tgacagactg tgtacgggca gtgtggcaaa atgaaggggc   540
cggggccttt taccgcagct acaccaccca gctgaccatg aacgttcctt tccaagccat   600
tcacttcatg acctatgaat tcctgcagga gcactttaac ccccagagac ggtacaaccc   660
aagctcccac gtcctctctg gagcttgcgc aggagctgta gctgccg   707

<210> 9565
<211> 1103
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (305)...(991)
<223> similar to gi2253280 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9565
cgccaagggc agagcaaacg ggatatatct tagggtggaa gatggataaa taattctgtc   60
acacgtgccc tggcctctgg agctcagctg ccagtccacg tctagggaat cttagcatct   120
gggaccaaga cactttacag caatcatcac cctttgcaga ggaggtgagc tcaccaggac   180
tcatctgcca tttcagacct tttgctgcta cctgccaggt ggcccccact gctgacgaga   240
gatggtggat ctctcagtct ccccggactc cttgaagcca gtatcgctga ccagcagtct   300
tgtcttcctc atgcacctcc tcctccttca gcctggggag ccgagctcag aggtcaaggt   360
gctaggccct gagtatccca tcctggccct cgtcggggag gaggtggagt tcccgtgcca   420
cctatggcca cagctggatg cccagcaaat ggagatccgc tggttccgga gtcagacctt   480
caatgtggta cacctgtacc aggagcagca ggagctccct ggcaggcaga tgccggcgtt   540
ccggaacagg accaagttgg tcaaggacga catcgcctat ggcagcgtgg tcctgcagct   600
tcacagcatc atcccctctg acaagggcac atatggctgc cgcttccact ccgacaactt   660
ctctggcgaa gctctctggg aactggaggt agcagggctg ggctcagacc ctcacctctc   720
ccttgagggc ttcaaggaag gaggcattca gctgaggctc agatccagtg gctggtaccc   780
caagcctaag gttcagtgga gagaccacca gggacagtgc ctgcctccag agtttgaagc   840
catcgtctgg gatgcccagg acctgttcag tctggaaaca tctgtggttg tccgagcggg   900
agccctcagc aatgtgtccg tctccatcca gaatctcctc ttgagccaga gaaagagtt   960
ggtggtccag atagcaggtc agtggctgtt agctcacacc catcttccta gtcctcatgt   1020
gtacatacac attggcccaa aggcagtcta taaagagaca atggtactgc gcctgtctgc   1080

7833

<210> 9566
<211> 1072
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1073)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (204)...(577)
<223> similar to gi500858 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9566
```
acgtggtgag gagtgggttt cgggcatgag aagtcacagg gccgtttcct agtctctctt      60
cacttctttg ggccttctca aaaaaagaag gctgccgtgg gtaggctggg ggcggagact     120
atcgggaaga gaaaattact tttcccactg aaacacaccc aagtatatgc ccagccttca     180
tgaaagtgaa cagagaaacg aagcgccttt atgtgggtgg ccttagccag gacatttctg     240
aggcagacct acaaaatcag ttcagcagat ttggagaagt ttcggatgtg gagatcatca     300
cacggaaaga tgaccaagga aacccacaga aagttttttgc atatatcaac atcagtgtag     360
cagaagcgga cctgaaaaaa tgtatgtctg ttttaaataa aacaaaatgg aaaggtggaa     420
cattacaaat tcaactagca aaagaaagct ttctgcacag attggcccaa gagagagaag     480
cagcaaaagc taagaaagaa gaatcaacaa caggtaacgc caacttgtta gaaaagacag     540
gaggagtgga tttccatatg aaagctgtgc cagggacaga agtgccaggg cataagaatt     600
gggttgtgag caaatttgga agagtcttac ctgttcttca ccttaaaaat caacataaac     660
gtaaaatcat caaatatgat ccctcaaaat actgccacaa cctgaagaag ataggggagg     720
atttctcaaa caccattcct atatccagcc tgacttggga attagaagga gggaatgacc     780
ctatgagtaa gaaacggcga ggagagttct ctgactttca tggccctccc aagaagataa     840
taaaagtgca gaaggatgag agttccactg ggtctctggc catgagtaca aggcccagga     900
gggtaataga gagaccaccc ttaacacagc aacaggctgc acaaaaaaga acttgtgatt     960
ccattactcc ttctaaatca tctcctgtac ctgtttctga tactcagaaa cttaaaaatc    1020
tacctttttaa gacttctggc ttgggaactg gcccaaggag agnaacagcc tt           1072
```

<210> 9567
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (89)...(759)

<400> 9567

```
gatctcagag gcagctgagt ttatcaaatt cacagtcatc aggccgcttc cagggcttga      60
gctcagtaat ggtgagtatt ctacagtggg aaaacgcaag atagaccagg agggccgtgt     120
gtttcaagaa aagtgggaga gagcgtattt cttcgtggaa gtacagaata tttcaacatg     180
tctcatatgc aaacgaagca tgtctgtgtc caaagaatat aacctaagac gccactatca     240
aaccaatcac agcaagcatt atgaccagta tatggaaaga atgcgtgacg agaagcttca     300
cgagctgaaa aaagggctca ggaagtatct cttaggcttg tcagacaccg agtgtcccga     360
gcaaaaacaa gtgtttgcaa acccaagtcc aacccagaaa tcccccgtgc agcctgtaga     420
ggacctagct gggaacttat gggagaagtt acgtgaaaaa atcaggtctt ttgtggcata     480
ttctatcgca atcgatgaga tcacggatat aaataatacc acccagttgg ccatattcat     540
ccgtggtgtc gatgagaatt tcgatgtgtc cgaagaactt ctggacacgg tgcccatgac     600
gggtacaaaa tctggcaacg agatcttttc gcgtgttgag aaaagcctga aaaacttctg     660
tatcaactgg gcgaaattag ttagcgtggc ctccactggc accccaacga tggtggatgc     720
caataacggg cttgtcacaa tactgaagtg cagggtg                             757
```


<210> 9568
<211> 1005
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (619)...(1006)

<400> 9568

```
tccgcggacg cgtggggggtc tgttgcactt tttgcagttc cccttctgtg atgcgctttt      60
atacaattag ctataaggtt tttgcttttt ttcccccccaa attttgcttt tttcccccaa     120
aattaggggt gtgtttaaat agatacagta tttggatgta gtatttagat atagtactta     180
gttactaagg attatgttta aaatccttga tattgtgtgt atttgaagtt taagagagga     240
atttaatact ttacaacaaa catactttat agcccctgac ataatgtaat catactacaa     300
gactaaatac ttgttccacg attgctgatc ttgtacgtaa cgttttttgt tctgattttg     360
gaattgtcct caagacaatc tcattcaaca tttattcctt tatttattaa tttgtttta     420
aacaactaaa aaatacagta aaattttaca aattgagttt catttattgg tatagttttg     480
ttattttata gtatcacttt ttatatggca aagaagctat gatttgcttt taataggctt     540
attgtaagta tgccattaac tttttcattt tgaaaactgt atttcctgtt agaataaaac     600
tacataaatt tcttttttag gaaagaatac ccacctcatg tccaaaaagt tgaaattaat     660
cctgtaaggt taagtcggct ccaaggtgtt gaacgtataa tgaagaaaac agaagagtcc     720
gaatcacaag tggagcctga aattaagagg aaagtacaac agaaacggca ctgtagtacc     780
tatcagccta ctcctcctct atctcctgct tcaaaaaaat gtttaaccca tttagaggat     840
ttgcaaagaa attgcagaca agctattact ttgaatgagt ctactggacc attattaaga     900
acgtcaattc atcagaattc tggaggacag aagtcacaaa acacaggatt aacaaccaag     960
aagttttatg gcaacaatgt ggaaaaggtt ccaattgata ttatt                   1005
```


7835

<210> 9569
<211> 621
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (118)...(607)
<223> similar to gi930123 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9569
ctggcagtag ggtgccaggt tcaaagagcc cgcggcgtct tcacgcccct gcgctcagct   60
ctagactcag tcgctcgctg agagacgccc tggaacgtct gtgtagcctc agtcgctgag   120
agacgccctg gaacgtctgt ggcagcctct gtcacagtgg gacccgcact ggcagcggga   180
ggcagaggga ggaccctgga acatcccgga agccgggaaa tggacgcagt ggcctttgag   240
gatgtggctg tgaacttcac ccaggaggaa tgggctttgc tgggtccatc acagaagaat   300
ttatacagat atgtgatgca agaaaccatc aggaacctgg actgtataag aatgatatgg   360
gaagaacaga atactgaaga tcagtacaaa aatcctagga gaaatctaag atgtcatatg   420
gtagagagat tcagtgaaag taaagacagt agtcagtgtg gagaaacatt tagcctcatt   480
cgagatagta ttgtgaacaa cagcatttgt cctggagaag atccatgtca aagcgctgag   540
tgtgaagaag tcataatggg tcatttatcc cttaatagcc acatcagagt tgattctgga   600
caccaaccca catgagtatc a   621

<210> 9570
<211> 924
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (569)...(296)
<223> similar to gi5295882 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9570
gatgagatga agtttctgtc acgcaggctg gagcgcagtg gtgcgatctc ggctcactgc   60
aacctctgcc tcttgggttc aagtgattct tgtgcctcag cctcctgagt agttgggatt   120
acatgtgcct gccaccatgc ccagctaatt tttgtatttt ttttagtaga gatggggtct   180
caccatgttg gtcagtctgg tcttgaactc ctgtagtaag tgagctttta ttttattcac   240
cataaaatat ttgcatctct tactcctcag gttcttacat aagacaacat ttaattaatt   300
aagttaccat tatagccatc gagggcctga gaaaccacat cctttgcaac tgtctcataa   360

```
accaagtcct gggaggcatc gtgaagaact ccatccaact taaacgacca gtctgtctgt    420
tggttattga caactcctct ccgaatgtct ttttttaagt gaatatcaat gcttcttttg    480
tcatctccgt atctgatcat ttcatgagca aagtcatcgg tgggtttgac acggacaaat    540
gcatgaactt ttttcctagt acccattcta gcgttcacca ggcagcgacg ctcccgggac    600
gcgactgccg caaccgaaac cacctgcact ccccacgcgg ggctgcctgg ctgtgtacat    660
agtcgccatg gcaacgggtc gcttccgggg attccggaag tgtcggggtg cggaaatga     720
agtccgaggt cctacgtcga ggatacgggt gaggtcatgg ccgaatcggg aagacgagag    780
atggggccga ttgatctaga aagacttcgg cggatgcaca tgcgaagtca aggtcgagat    840
agcgagggaa cgaaggccgc acatgaacca ggaagcggag tggcggggct tccggcgccg    900
aggagattca actacggcgg ccgc                                           924
```

```
        <400> 9571
ggcacgagga acaaatgcgt atcttgtcca tttgttggta cacaaaagcc gttagttatc     60
ctacatttct ttttatgcct aagggagccc agcaaagggg tcttagctgc aacaagatgc    120
tgcagtcatt gaaccattca tttagtaatt cctgacctct agaatgaacc taagcctatg    180
ggcactttgg aggggctacc cagtcctacc agcctccatg tagcggcagc tctgctgcaa    240
gctctgcacc ttagcagtga gggccacgat tttgccatct aggacttgaa ggtcagcatc    300
actcaccatg tcaaactggt cctgccagac aaagagggaa aatacaagtg aactgttgtg    360
aggcacaaag atgggaacac acacctggga aggcaccatt tggatatgct caggaaccag    420
ccacacccca aagtctccag agggtctgca gaaatagtgg gagagtactt ttgagaaatt    480
gttttcagtt aaggagcggc cccactaaaa aggtaggaaa naaaagctga aatctaatgc    540
ttgtccttaa gctactaggt tgacaggata ctgattagga cagaaatctt cccatttagt    600
gataaaacca ctacctgggc tgaagcagtt aagtaacatt gttcccacgg tggggaaacc    660
tagatcatgg gtttccataa tagatagaaa ctggacaggt gaagaagcat gatggatggg    720
atggatggac ttcttttctt cttccttcct gtcctttctt cccatccttc tttccacctt    780
cctctctccc tccttccttc cttccttttt cctccctccc tccctctttc tccctccctt    840
ccctctttt                                                           849
```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (348)...(879)
<223> similar to gi972940 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9572
tttcgtctga agcacagaca ccacttcccc aatctacagg agccatttta acagctaaaa   60
cttgtcggat tgcttttat tttcaagctc aaaagacgat agagaaagaa tacttgaagg   120
ccaagaagct tgagagaaga aaaatttcag aaaaattgtc tcaatttgac tagaatatca   180
atgaaccagg aaaactgaag caccttccct aaagaaaact tgggtataca attactccac   240
agacagagct gagggttttt tacccaaatc agtcactgga ttttgctgcc tgatacgtga   300
atcttcttgg aattttctc atgtggatct aaggggaatg ctttattatg gctgctgttg   360
tccaacagaa cgacctagta tttgaatttg ctagtaacgt catggaggat gaacgacagc   420
ttggtgatcc agctattttt cctgccgtaa ttgtggaaca tgttcctggt gctgatattc   480
tcaatagtta tgccggtcta gcctgtgtgg aagagcccaa tgacatgatt actgagagtt   540
cactggatgt tgctgaagaa gaaatcatag acgatgatga tgatgacatc acccttacag   600
ttgaagcttc ttgtcatgac ggggatgaaa caattgaaac tattgaggct gctgaggcac   660
tcctcaatat ggattcccct ggccctatgc tggatgaaaa acgaataaat aataatatat   720
ttagttcacc tgaagatgac atggttgttg ccccagtcac ccatgtgtcc gtcacattag   780
atgggattcc tgaagtgatg gaaacacagc aggtgcaaga aaaatatgca gactcaccgg   840
gagcctcatc accagaacag cctaagagga aaaaaaaaa   879

<210> 9573
<211> 468
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(387)
<223> similar to gi2547136 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9573
tagcggctct ccccgcgtcc aatatggcgg cagaagcagc tggtgggaaa tacagaagca   60
cagtcagcaa aagcaaagac ccctcggggc tgctcatctc tgtgatcagg actctgtcta   120
ctagtgacga tgtcgaagac agggaaaatg aaaagggtcg ccttgaagaa gcctacgaga   180
aatgtgaccg tgacctggat gaattgattg tacagcacta cacagaattg acgacagcca   240
ttcgcacata ccagagcatc acagagcgca tcactaactc ccgaaataaa ataaagcagg   300
taaaagagaa cctgctttca tgcaagatgc tgctgcactg caaacgggat gagcttcgga   360
aactgtggat tgaatggatt gattcctggt ttttcattca ttagacaact tttggtacag   420
tgtatatgct ttactggtgg ttcagtagaa ataatattgg ctgaaact   468

```
<210> 9574
<211> 912
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (81)...(642)
<223> similar to gi1556399 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters



      <400> 9574
cgcgaccgtc ccggaatgac cgggtcgacg atttcgtggg gcctgcctgt gcgctctgcg      60
cccgcccgcg cctaccctcc atggcgttta tccggaagaa gcagcaggag cagcagctgc     120
agctctactc caaggagaga ttttccttgc tgctgcttaa cttggaggag tactactttg     180
aacagcatag agccaatcac attttgcaca agggcagtca ccatgaaagg aaaatcagag     240
gctccttaaa aatatgttca aaatcggtga tttttgaacc agattcaata tcccagccca     300
tcatcaagat tcctttgaga gactgtataa aaataggaaa gcatggagaa aatggagcca     360
atagacactt cacaaaggca aaatctgggg gtatttcact cattttcagt caggtatatt     420
tcattaaaga acataatgtt gttgcaccat ataaaataga aagggcaaa atggaatatg     480
ttttttgaatt ggatgttccc gggaaagtgg aagatgttgt ggagacgttg cttcagcttc     540
acagagcatc ctgccttgac aaattgggtg accaaaccgc catgataaca gctattttgc     600
agtctcgttt agctagaaca tcatttgaca aaaacaggta agtttctaat gatctttcct     660
aattagaaaa gtggaggaca ttttcatctg tatgcctcat tcagcaaatc caagcctgct     720
gtcatcattg gtctcaccca aaacctgctt gtcttataga atggctcatc ctcagtgcag     780
gagaactctc tagggcttcc tcaactcttc tccatcctga tgtctgtcag tcagaaaggc     840
ctgatagatg cttcggtttc tgcttctgtg atctcacatt ggtggtgcct cagttcaggc     900
caccgtcacc tg                                                         912



      <210> 9575
      <211> 922
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (476)...(720)
      <223> similar to gi3879914 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters



      <400> 9575
ggcacgaggg ccgagagaaa tttcggtact gcgcatgaac cgagcgtgac gttgaggttt      60
gaaataaccg gcaaagagta aaggctgaaa ctagcttcct gaaagcttcg tagggcccga     120
```

```
gccctgtgag cccaggttct gcgcccacta ggaggtgtca tgctgactgc ttttttaaaa    180
gccctagaat cttggcttcg gcgtttgggg taagctccgt tctcgttctc aagcgcgttt    240
ccgcgaactc tcgcgggatt gacgggccgt ctcgagagcc ggcatctcct aggagctagt    300
cctggtcctc ggctaggcgg cttggggtcg cggcgtaact ggggagccag cctgacgccg    360
gcggaccccg cctgtgatcc tggcaacgat ggatgatgac ttgatgttgg cactgcggct    420
tcaggaggag tggaacttgc aggaggcgga gcgcgatcat gcccaggagt ccctgtcgct    480
agtggacgcg tcgtgggagt tggtggaccc cacaccggac ttgcaggcac tgtttgttca    540
gtttaacgac caattcttct ggggccagct ggaggccgtc gaggtgaagt ggagcgtgcg    600
aatgaccctg tgtgctggga tatgcagcta tgaagggaag ggtggaatgt gttccatccg    660
tctcagcgaa ccccttttga agttgaggcc aagaaaggat cttgtagagg tattttcgt    720
gtaaacttgc ttcctagcgc agtaatttac aaatacttgt caatgattta gactgctgtg    780
aattcgcctg tatgtatcgt taaaaaaagt cactttgccc tcagtgaaag cttgaattat    840
ggggcaaaca ataatgaaca ccttatgttt tttatagtgc ttcatagtaa aaaaaaaaaa    900
aacaaaaaaa aggcttctat gg                                             922
```

<210> 9576
<211> 719
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (180)...(455)
<223> similar to gi3249005 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9576
```
ggcacgaggc gagcggagtt agcagggctt tactgcagag cgcgccgggc actccagcga     60
ccgtgggggat cagcgtaggt gagctgtggc cttttgcgag gtgctgcagc catagctacg    120
tgcgttcgct acgaggattg agcgtctcca cccatcttct gtgcttcacc atctacataa    180
tgaatcccag tatgaagcag aaacaagaag aaatcaaaga gaatataaag actagttctg    240
tcccaagaag aactctgaag atgattcagc cttctgcatc tggatctctt gttggaagag    300
aaaatgagct gtccgcaggc ttgtccaaaa ggaaacatcg gaatgaccac ttaacatcta    360
caacttccag ccctggggtt attgtcccag aatctagtga aaataaaaat cttggaggag    420
tcacccagga gtcatttgat cttatgatta aaggtatgaa aaaatagata acttttgtct    480
taatttttaaa ttatgatata aggaaaaatt tgttaatact attatgaatt ctgccaatta    540
ctgtaatctg gggatagtat aacagcacta taaatgtttt tgtatgtgac catttgtttg    600
acaagatcca tgtgtggatg aaatgttagg aaaagggagg cccagtggaa gtgggctcac    660
acctgtaatc ccagtaggct agggaggttg aagcaagagg atggcttgag tctagaagt    719
```

<210> 9577
<211> 807
<212> DNA
<213> Homo sapiens

<220>

<210> misc_feature
<222> (357)...(795)
<223> similar to gi3876580 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9577
gtgagcacca tcattacgcc atgcttggca cgaggactgg ctgctggcag aactcgctct   60
tctccttggc ttttactttt ggcagaagtt ctgcgaaggc tgctccttgc ggcgttggga   120
ctgagggtca caggcaccta tatttccgtt tccggttcgc ctccggagcc atggcggcgg   180
cactgaagtg tctactgaca ttaggaagat ggtgccccgg ccttggagtg gctccccagg   240
cccgggcgct cgccgcctta gtacccggag tgacccaggt agataacaag tccggtttcc   300
tgcagaagag gcctcatcgc cagcaccctg gcatcctaaa gctgccgcac gtgcggctgc   360
cacaggcact ggctaacggt gcccagttat tgctacttgg gagcgctggg cccactatgg   420
agaatcaggt gcaaacactg accagttatc tctggagcag acatttgcct gtagagccag   480
aggagttgca aagacgggct aggcatcttg agaaaaaatt cctggaaaac ccagacttat   540
ctcagacaga ggagaaactt cgtggagcag tgctacacgc actacgtaaa actacctacc   600
attggcaaga actgagctac actgagggac tgagcctggt gtatatggca gcaagactgg   660
atggtggctt tgcagcagtc tccagagcat tccatgagat ccgggctcga aatccagcat   720
ttcagccaca aactttgatg gactttggct caggtactgg ttctgtcacc tgggctgctc   780
acagtatttg gggccagagc ctacgtg   807

<210> 9578
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (80)...(407)
<223> similar to gi4589584 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9578
caacggttca aaaatcacca actacctttt agagtgggat gagggaaaaa gaaatagtgg   60
tttcagacag ggcttcttcg ggagccagaa gcactgcaag ttgacaaagc tttgtccggc   120
aatggggtac acattcaggc tggccgctcg aaacgacatt ggtaccagtg gttatagcca   180
agaggtggtg tgctacacat taggaaatat ccctcagatg ccttctgcac caaggctggt   240
tcgagctggc atcacatggg tcacgttgca gtggagtaag ccagaaggct gttcacccga   300
ggaagtgatc acctacacct ggaaattca ggaggatgaa aatgataacc ttttccaccc   360
aaaatacact ggagaggatt taacctgtac tgtgaaaaat ctcaa   405

<210> 9579
<211> 793

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(794)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (109)...(793)
<223> similar to gi64956 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9579

```
aggcggcaga ggattcgctc ccagagcagc tgcggccagg tatatgaatg acctaaaggt      60
acaaataaag acggagagag aacagtgcca actgggagca gggcaagaat gccaattcct     120
cctcccccgc cacccccacc tggtcctcct ccacctccca catttcatca ggcaaacaca     180
gagcagccca agctgagtag agatgagcag cggggtcgag gcgccctctt acaggacatt     240
tgcaaaggga ccaagctgaa gaaggtgacc aacattaatg atcggagtgc tcccatcctc     300
gagaagccga aggaagcag tggtggctat ggctctggag gagctgccct gcagcccaag     360
ggaggtctct tccaaggagg agtgctgaag cttcgacctg tgggagccaa ggatggttca     420
gagaacctag ctggtaagcc agccctgcaa atccccagtt ctcgagctgc tgccccaagg     480
cctccagtat ctgccgccag cgggcgtcct caggatgata cagacagcag ccgggcctca     540
ctcccagaac tgccccggat gcagagaccc tctttaccgg acctctctcg gcctaatacc     600
accagcagta cgggcatgaa gcacagctcc tctgccccct ccccaccacc cccagggcgg     660
cgtgccaacg cacccccac acctctgcct atgcacagca gcaaagcccc cgactacaac     720
agagagaaac ccttgccacc gacggctggg acaaaaggnt tnaccctggg tcgagaggga     780
ccttctgntt cca                                                        793
```


<210> 9580
<211> 622
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (403)...(623)
<223> similar to gi5690435 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9580

```
tgttctcaac ttttaactct tgagaaacag ctggaagaaa agatagttgc ttattcctct      60
attgctgcaa aaaatgcaga actagaacag gagcttatgg aaaagaatga aagataagg     120
agtctagaaa ccaatattaa tacagagcat gagaaaattt gtttagcctt tgaaaaagca     180
aagaaaattc acttggaaca gcataaagaa atggaaaagc agattgaaag acttgaagct     240
caactagaga aaaaggacca acaatttaaa gaacaagaaa agactatgtc catgttgcaa     300
```

```
caagatataa tatgcaaaca acatcatctt gaatcactag atagactctt gacggaaagc    360
aaaggggaaa tgaaaaagga aaatatgaag aaagatgaag ctttaaaagc attacagaac    420
caagtatctg aagaaacaat caaggttagg caactagatt cagcattgga aatttgtaag    480
gaagaacttg tcttgcattt gaatcaattg gaaggaaata aggaaaagtt tgaaaaacag    540
ttaaagaaga aatctgaaga ggtatattgt ttacagaaag agctaaagat aaaaaatcac    600
agtcttcaag agacttctga gc                                             622
```

```
            <210> 9581
            <211> 812
            <212> DNA
            <213> Homo sapiens

            <220>
            <221> misc_feature
            <222> (500)...(814)
            <223> similar to gi4003519 in the genepept database release 114,
                Run with FASTXY 3.3t00, default parameters
```

```
            <400> 9581
cttccccagg cctggctgga ggtggaggca ggcccaaagg taggggggtca gctcgcgcac    60
ctagggccgg gagacagaca aattctggcg gaaagttggc agccacggtc cccctcccct   120
gcttttctcc tcaactctcc accccactc cgggtgataa cggcggaggt ggggggttgg    180
gggaactggc cttgtgtttt ggaacagctg cagccggcgc tgggcccgcc tggaatgcgg   240
gaacaggctg cacaccagga cttttatgga aacttgctgc tggagacggc ggcggcggcg   300
gcggcagcgg cagccagagg actcccagcg gctggagcag aagtgttagc ggccagagct   360
cccagacccc tacccacagc caggcgggac gcgcacagtc cctccacgcg gaaagaagta   420
ccttcgccgg tcaccggctc ctgcagggtg caaatatata cagagcttca taatcagccc   480
aagaccacat agagcaaaca tgaatgatat ttcccaaaag gctgagattc tgctttcttc   540
atctaaacct gtcccaaaaa cctatgtacc aaaacttggc aagggtgatg taaaggataa   600
gtttgaagcc atgcagagag ccagggaaga aagaaatcaa aggagatcta gagacgaaaa   660
acaaagaaga aaagaacaat atattagaga gagagaatgg aacaggagaa agcaggagat   720
taaagaaatg cttgcttctg atgatgagga agatgtatct tctaaagtag aaaaggctta   780
tgttccaaaa ttaacaggaa ctgtgaaggg tg                                  812
```

```
            <210> 9582
            <211> 867
            <212> DNA
            <213> Homo sapiens

            <220>
            <221> misc_feature
            <222> (213)...(849)
            <223> similar to gi285995 in the genepept database release 114,
                Run with FASTXY 3.3t00, default parameters
```

<400> 9582
```
cgctcaaccc ggccgcgccc cctttagaaa ccccttagat accctgcgga accgccccg      60
gaatcccggg gcgacccacg cgtccgctaa tgactgccgc cataagaaga cagagagaac     120
tgagtatcct cccaaaggtg acactggaag caatgaacac cacagtgatg caaggcttca     180
acagatctga gcggggcccc agagacactc ggatagtaca gctggtattc ccagccctct     240
acacagtggt tttcttgacc ggcatcctgc tgaatacttt ggctctgtgg gtgtttgttc     300
acatccccag ctcctccacc ttcatcatct acctcaaaaa cactttggtg gccgacttga     360
taatgacact catgcttcct ttcaaaatcc tctctgactc acacctggca ccctggcagc     420
tcagagcttt tgtgtgtcgt ttttcttcgg tgatatttta tgagaccatg tatgtgggca     480
tcgtgctgtt agggctcata gcctttgaca gattcctcaa gatcatcaga cctttgagaa     540
atattttct aaaaaaacct gttttgcaa aaacggtctc aatcttcatc tggttctttt     600
tgttcttcat ctccctgcca aatatgatct tgagcaacaa ggaagcaaca ccatcgtctg     660
tgaaaaagtg tgcttcctta aaggggcctc tggggctgaa atggcatcaa atggtaaata     720
acatatgcca gtttatttc tggactgttt ttatcctaat gcttgtgttt tatgtggtta     780
ttgcaaaaaa agtatatgat tcttatagaa agtccaaaag taaggacaga aaaaacaaca     840
aaaagctgga aggcaaagta aaaaaaa                                         867
```


<210> 9583
<211> 891
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (483)...(735)
<223> similar to gi4240243 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9583
```
tttcgtgtgg agaggctgcg tggagctgcg cgctcggggt gggtgctgca ctcccaatga      60
agcgcgtgaa gggcaagcgg tgatgggttc tgcgccagtg gggctgggag cccgtccggg     120
gctgtacatg gggctgcgcg caagtacaga cggggtttca tcatgttggc aaggctggtc     180
tcgaactcct cacctcaagt gatctgcctg cctcgggctc ccaaagtgct gggattacag     240
gcatgaggca acgtacctgg ccacagttaa gcttaaaaac cactgagtta aggaatttca     300
ggttacattt agtaacactt tttgaaaatg atcgtcattt ctctcacctc tcatctttgg     360
aacgggagat gactttcgc actgaaatgg gactttatta ttcatacttc aagaccatta     420
ttgaagcacc ttcgttttg gaaggactgt ggatgattat gaatgacagg cttactgaat     480
atcctcttat aattaatgca ataaaacgct tccatcttta tccagaggta atcatagcct     540
cctggtattg cacattcatg ggaataatga atttatttgg actagaaact aagacctgct     600
ggaatgtcac cagaatagaa cctcttaatg aagttcaaag ctgtgaagga ttgggagatc     660
ctgcttgctt ttatgttggt gtaatcttta ttttaaatgg actaatgatg ggattgttct     720
tcgtgtatgg agcataacct gaggatgtca tgcccaaagc tgtagcagtc atcttgtgac     780
cataagggaa aggtcataaa aatagcggat atatctggcc taccatcctt ctgctgctga     840
accaatgcca acagggactg tattattcct atttcaagac tatagaggaa a               891
```

<210> 9584
<211> 666
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(658)
<223> similar to gi212879 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9584
gcttcctcca ctccccaggt tactgccaat gaagaaatta atgttacctc aactgacagt   60
gaagtggaga ttgtaacagt tggagaaagc tatcggtctc gttcaaccct tggacactcc   120
agatctcatt ggagccaggg ttcaagttct catgcaagtc ggccacagga gccacggaac   180
cgcagtagga tttctactgt tatacagccc ttgaggcaga atgcagcaga agttgtggac   240
cttaccgttg atgaagatga acctactgta gtaccaacca cttctgcaag aatggaatca   300
caagctacta gcgcttccat taacaattca aatccatcta cctctgagca ggcctctgat   360
actgcttcag ctgtcaccag tagccaacct tccacagtgt cagagacttc agctactctt   420
acaagcaata gtaccactgg cacttctata ggagatgact caaggagaac tacatctagt   480
gctgtaacgg aaactggccc tcctgcaatg ccaaggttac cttcctgctg tccccagcac   540
tcaccatgtg gagggtcgtc acagaaccac catgcattag gacatcctca tacaagttgc   600
tttcagcagc atggtcacca tttttcaacat catcaccacc accaccatac tcccacccct   660
tgtatt   666

<210> 9585
<211> 565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (162)...(562)
<223> similar to gi538413 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9585
gcaaaatgaa tgcttaagga ggacaggaca atccttcagt tacaggagga ggtgggagga   60
agcaagagga atactcaggg aaagccttca gtaacagctc tggccttagg gtccataaaa   120
ggatccacac aggtgagaaa ccttacgaat gtgatgagtg tgggaaggcc ttcattactt   180
gtagaacact tctcaaccat aaaagcatcc actttggaga taaaccctat aaatgtgatg   ,240
agtgtgagaa atcttttaat tatagctctc ttctcattca gcataaagtc atccacactg   300
gagagaaacc ttatgaatgt gatgaatgtg ggaaggcttt caggaacagc tcaggcctca   360
tagtgcataa aaggatccac acaggagaga aaccttacaa gtgtgatgtc tgtggcaaag   420
cattcagcta tagctcaggc ctcgcagtcc ataaaagcat tcaccctggg aagaaagccc   480
atgaatgtaa ggagtgtggg aaatcctttta gttataactc actacttctt caacacagaa   540

                                    7845

ctattcatac cggagagagt gtatt

```
<210> 9586
<211> 420
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (122)...(242)
<223> similar to gi2887288 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters


<400> 9586
acatttcgtg ttaatggcgg gcagtagccg ctgaggggat tgcagataac cgcttcccgc    60
acggggaaag tctaccctgc ctgccacttt ctgctcgccg tcagcgccgg agctcgccag   120
catgtctgtg gtaccgccca atcgctcgca gaccggctgg ccccgggggg tcactcagtt   180
cggcaacaag tacatccagc agacgaagcc cctcaccctg gagcgcacca tcaacctgta   240
agtgcggcgc ggccttggcg ggcatttctc tcgtgaaagc tcctatagac tctccgacgc   300
gcccccggct tttcggcgcg cttcacgcct ctgcacctcc ccgcctccaa ctcccgctgg   360
cggatgcgcg ccttcctccc tctctcaggc ccctttctca tcctccagcc tccaggattc   420
```

```
<210> 9587
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (157)...(423)
<223> similar to gi3876140 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters


<400> 9587
gcggaaggag aagatgtgcc gccgctgcca acgtcgagcg gcgacggctg ggaaaaagat    60
cttgaagaag ctctggaagc aggaggttgt gatcttgaaa cgttgagaaa tataattcaa   120
ggaagaccgc tgcctgctga tctgagggcc aaagtttgga agattgctct gaatgttgca   180
ggaaaaggtg atagtttggc atcatgggat ggtattttag acttgccaga acagaacact   240
attcacaaag attgcctgca gtttattgac cagctttcag tgccagagga gaaggcagca   300
gaattacttt tggatattga atctgtaatt acctttatt gtaaatcacg taacattaaa    360
tatagcacat cccttagctg gatacatcta ctgaaaccat tggtgcatct tcaactgcca   420
cg                                                                  422
```

<210> 9588
<211> 1051
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1052)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (279)...(1051)
<223> similar to gi4321968 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9588
aagtgaaggc gattgagagg ggctgaggga attgtcctct gtggaaggga ctttctttg   60
gccctaggcc ccttcctgcc cctgtcgtca gcagggagat ggaaaacttg atgactagct   120
ccaccctacc gcccctttt gcagatgaag acggttccaa ggagagtaat gatctggcta   180
ccactgggtt aaatcaccca gaggttccat acagtagtgg cgccacatca tccaccaaca   240
atccagaatt tgtggaggat ctctctcaag gtcagttgct tcagagtgag tcttcaaatg   300
cagcagaagg caatgaacag aggcatgaag atgagcaacg aagtaaacga ggaggttggt   360
ccaaaggaag aaagaggaag aaacctcttc gagacagcaa tgcacccaaa tcccccctta   420
caggatatgt tcggttcatg aatgagcgtc gagaacaact tcgagcaaag agaccagaag   480
tcccatttcc agaaatcaca aggatgttag gcaatgaatg gagtaaactg cctcctgagg   540
aaaaacagcg ctaccttgat gaagcagaca gagataagga gcgttacatg aaggaactgg   600
aacagtatca gaaaacagag gcctacaagg tcttcagtag gaaaacccag gaccgtcaga   660
aaggcaaatc tcataggcaa gatgcagccc ggcaggccac tcatgatcat gagaaagaaa   720
cagaggtaaa ggaacggtct gtttttgaca tccctatatt tacagaggaa ttcttgaacc   780
atagcaaagc tcgggaagca gagctccgcc agcttcgcaa atccaacatg gagtttgagg   840
agaggaatgc agccctgcaa aagcacgtgg agagcatgcg cacagcagtg gagaagctgg   900
aggtggatgt gatccaggag cggagccgca acacagtctt acagcagcac ctggagaccc   960
tgcggcaggt gctgaccagc agctttgcca gcatgccctt gcctgaangt ggagagacac   1020
ctacagtgga caccattgac tcatatatga a   1051

<210> 9589
<211> 713
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (209)...(472)
<223> similar to gi3880445 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

7847

<400> 9589
```
ggattccatc accaggctgg ggctgaataa aggcgtgctt gtgtggtagt gtctctttt      60
aaaaaatctc aaagccaaga agaacaagct gaaatagcat cttcaaaaaa tggagcgtaa     120
aataaacaga agagaaaaag aaaaggagta tgaagggaaa cacaacagcc tggaagatac     180
tgatcaagga aagaactgca aatccacact gatgaccctc aacgttggtg gatatttata     240
cattactcaa aaacaaacac tgaccaagta cccagacact ttccttgaag gtatagtaaa     300
tggaaaaatc ctctgcccgt ttgatgctga tggtcattat ttcatagaca gggatggtct     360
cctcttcagg catgtcctaa acttcctacg aaatggagaa cttctattgc ccgaagggtt     420
tcgagaaaat caacttcttg cacaagaagc agaattcttt cagctcaagg gactggcaga     480
ggaagtgaaa tccaggtggg agaaagaaca gctaacaccc agagagacta ctttcttgga     540
aataacagat aaccacgatc gttcacaagg attaagaatc ttctgtaatg ctcctgattt     600
catatcaaaa ataaagtctc gcattgttct ggtgtccaaa agcaggctgg atggatttcc     660
agaggagttt tcaatatcgt caaatatcat ccaatttaaa tacttcataa agt           713
```

<210> 9590
<211> 3396
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3384)...(3204)
<223> similar to gi746450 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9590
```
cgacgatttc gttgggtgcc atggcaacgg agagagacgg caacctgggt tccggaagcc      60
ggagagctgg agctttgaag ccacccggt caaaggatgc tgagtccgga gcgcctagcc      120
ctaccggact acgagtatct ggctcagcga catgtcctca cctacatgga ggatgcagtg     180
tgccagctgc tagaaaacag ggaagatatt agccaatatg gaattgccag gttcttcact     240
gaatatttta acagtgtatg ccagggaaca cacattctct ttcgagaatt cagcttcgtc     300
caagccaccc cccacaatag ggtatcattt ttacgggcct tctggagatg cttccgaact     360
gtgggcaaaa atggcgattt gctgaccatg aaagaatatc actgtttgct gcaattactg     420
tgtcctgatt tcccgctgga gctcactcag aaagcagcca ggattgtgct catggacgat     480
gccatggact gcttgatgtc ttttttcagat ttcctctttg ccttccagat ccagttttac    540
tactcagaat tcctggacag tgtggctgcc atctatgagg acctgctgtc aggcaagaac     600
cccaacacag tgattgtgcc gacgtcgtcc agtgggcagc accgccaacg acctgccttg     660
ggcggggccg gcacgctgga gggcgtggag gcgtcgctgt tctaccagtg tctggaaaac     720
ctgtgtgatc ggcacaagta cagctgccca cccccagcac ttgtcaaaga ggccctcagc     780
aatgttcaga gactgacctt ctatggattc ctcatggctc tctcaaagca ccgtggaatc     840
aaccaagccc tcggagcttt gcctgacaag ggggatctga tgcacgaccc agcaatggat     900
gaagagctgg aacggctggt ggtgaggtcg aagctgcacc ggacctcacg gcagcacaga     960
gccaaggagc caggggcctt tggctttcag agaagagaga agcaggaggc cctggagaga    1020
gtgtcctcag cttcggtacc gacgccctac cattaccggt gggagcccag agagtgacgc    1080
caggggccgg cactgggcag ggaggcagga tccagaggac actgcttcac tcaaaccaac    1140
agggagccag gccctgcagg ggctttattt tgacaccact ttgtttcaat acaaacagtc    1200
```
```
                                  7848
```

```
cagaaagaaa gtcaagtccc tctgggggag gggcaagggg aagagtggtc tgtgttgctt    1260
gggagcccaa cctacaaccc aaaggtgggg gctgggctga gactgccggt gcggcagggg    1320
aagatggcac caagaatgac agtgcttggc tcagctgcca gagggtgagg cccacagctc    1380
tcactggcgg gtgctgtcca ggccaagccc agaatgatgc agaggaagga gctcagcccc    1440
aggagcctgc ctctgcctct cacatcctct gcttccctgg ccagcatcaa gctcacagca    1500
tccagagtcg aatcacagca gacaagaccc tccatggcca ccaacccggg gaagaaggga    1560
taaagaatgt cacagagggt cctgcattcc acagcagatg gtacagaggg accctgagac    1620
accctgaaac aatcttccaa gtgcttactg tagaaagggg tggtgagacg ggagaaccca    1680
agggtctccg gtctgatccc aaatgaaacc tttaggtacc aggtaaagtt tccagccctt    1740
ggtaacgccc agacaaaggt ccttcccctc tcctggcacc cagaagaggc cactggcagc    1800
agcagcagca gcaagtccgc agcctctttc cccatgggac gggtctacag tgaactcctt    1860
ccaggcctcc ccctggttcc agaggatggg gacccaaggc ctcgaactag aagaacccta    1920
gagccagcaa aaaaagcctt ctaccttccg ctttccctac ctggggaaag tctggaccca    1980
gaataagcca tcgtggggga accccctttc ccagtatggc aggataagtg agcagcagct    2040
gtgggggcag gacagaagga caagagtcta acacacggag ggtggtgtga gagggaataa    2100
agggctcagt ccacaggcag aggacaaggg ctggtactga ccattcccct cacaggagtg    2160
agcgcctcaa aggccacccc acacacacac cacacatacg aagtaacaaa tcctccccag    2220
cttccacaag gcaaagcatc cccagcctgg gaactgtgga gttcttgttg ccgtcaccat    2280
cgtaagcctg agtcacagag ctcggatcag taggaaccgt agcgatcctg caaggaattc    2340
atcacaccat tggccagcac agccattttc ccagccacag acttgacacc ctgcttaaac    2400
tgggcaatgt ccgctgtagg cagcacgttc cccagagata cacttcctgc tccgtgagct    2460
ccatccatgt ccccaaagag gtctgaagag ctgatggcac tgctgcctga gagctgctgc    2520
agccgagacc tggcctcata ctccgcatcc acctcccgcc caaagaacat gtcagatgag    2580
atggctttgg ctcctgcgaa tttctgacgc gcctcactag actcgaggcc tgagctccgg    2640
ctctccactt ccctccggtt tgtggctctt tctgaaatag gccggatgct tgagatggtc    2700
acttctggct ccttctcctc taccctgtcc atacccagg cagcatctgt atcccagcgg     2760
gagccaaagc tttcccctaa ggaaaaggga ttgtccttgt actttggggg tccagaggcg    2820
aaagtaccaa catcgtcaaa caagtccagc tgcgagcgag aggattttgc actcactggg    2880
gtttcctgct caatcacctg catctcagac agcacggagt gggagacaga gcttcgggat    2940
accagcccca tgcccaacct ttctgcctgc tctcgcttct tcccttccag attctgtagc    3000
ttcttttcct cttttcttacg atcaatctgg agctcctggt aggccagacg catggaggcg    3060
accatggact cctccgcctg cttcttggca tcggctgcct gctgctcacg gagcttctct    3120
gccacctgag cctgccgctc aatctcactg aagctctggc tgctcacctt ctgggcccct    3180
aggcctttct tggcacccag ctgatgaagc tcagatggac gcccaggag cggtgcaccc     3240
cggaacagtc aatgcacaag aaaacaccgt acgtgatgct ggcccaactc ggattcttgg    3300
cgccgcagtc gaaacaggcc ttgttggttg gaactgcgcg aagcctctta aaaagagtct    3360
ggatttcggt cttgttcggc tccgccgcca ttttct                              3396
```

```
tggaagtaaa aaagtaaatg ggaaaatcca aagtacctat gaccaagacc acacagtgcc      60
agcatatgtc ccaaggaaac taatcccaat aacaatcatc aagcaagtga ttcagaatgt     120
tactcacaag gattcagcta aatccccaga aaaagctcca ctgggaggag tgatactagt     180
ccaccttatt attccaggtc ttaatgaaac tactgtaaaa cttcctgcat ccctaatgtt     240
tgagatttca gatgcactca agacacaatt agctaagaat gaaaccttgg cattacctgc     300
cgaatctaaa acaccagagg ttgaaaaaat ctcagcacga cccacaacag tgactcctga     360
aacagttcca agaagcacta aacccactac gtctagtgca ttagatgttt cagaaacaac     420
actggcttca agtgaaaagc catggattgt gcctacagct aaaatatctg aagattccaa     480
agttctgcag cctcaaactg caacttatga tgttttctca agccctacaa catcagatga     540
gcctgagata tcagattcct acacagcaac aagtgatcgt attctggatt ctatcccacc     600
taaaacttct agaactcttg aacagccaag ggcaacactg gctccaagtg aaacaccatt     660
tgttcctcaa aaactggaaa tctttaccag tccagaaatg cagcctacga cacctgctcc     720
cca                                                                   723
```

```
<210> 9592
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (248)...(402)
<223> similar to gi495273 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters
```

```
      <400> 9592
cagatcactc ccaaatatag ccctctccag aaaccacttg gatagaaaaa agtccaaaga      60
gaactgaggt gtccaacaca tgagtgaggc cttcctggat ctctagctct cgtcaagcct     120
tcccaacacc acgaggaaca aaaatgagcc atccaaatga gctttaccca aattcctgac     180
ccacggtgtc aagagcaatg aaagggttgt cgtttggctc tttccgccat cttttcgtgc     240
cgccacaatg gtgcacatga atgtcctgcc tgatgctctc aagagcatca acaatgccga     300
aagaagaggc aaaccccagg ttcttattag gctgtgctcc aaaatcatca tctggtttct     360
cactgtaatg gtgaagtatg gttacattgg caaatttgaa cccacgcgtc cg            412
```

```
<210> 9593
<211> 984
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (117)...(987)
<223> similar to gi2565077 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters
```

<400> 9593
```
gcggccgctg accccggccc ctcgctcctg catcatcgac aaggatgagc tgaaggacgg      60
cctgcgtgtg ctcatcccca tggatgacaa gctgactgta cgccgggcac gtgcagaccg     120
tgcactcgcc agacatatac cgcgtggtgg tggagggtga gcggggcaac cggccccaca     180
tctactgtct ggagcagttg ctgcaggagg cgatcatcga tgtgaggcca gcctccactc     240
gcttcttgcc acaagggacc aggattgcag cctactggag ccagcagtac cgctgtctct     300
acccaggcac tgtggtccga gggttactgg acctggagga cgatggggac ttgatcaccg     360
tggagtttga cgacggagac acgggcagga tccccctctc acatatccgc ctcctgcccc     420
ctgactataa gatacagtgt gctgagccgt ccccggccct tctggtgcca agtgccaagc     480
gccgcagccg gaagaccagc aaagacactg gggagggcaa agatggtggc acggctgggt     540
cggaggagcc aggagccaag gcccgtgggc gtgggcggaa acccagcgcc aaggccaagg     600
gtgacagagc cgctaccctg gaggagggga acccaacaga cgaggtcccc agtaccccct     660
tagccctgga gccgagcagc accccaggtt ccaagaagag ccccccagag cctgtggaca     720
agcgagccaa ggccccccaag gcgcgccgg cactgccgca gcccagtccc gcaccacccg     780
ccttcaccag ctgcccagca cccgagccat ttgcagagct gccagctcct gccacctccc     840
tggccccagc acccctcatc accatgcctg ccacacgccc caagcccaag aaggcgcggg     900
cagccgagga gtcgggtgcc aagggccctc ggaggccggg ggaggaggcc gagctgcttg     960
tcaaactgga ccacgagggt gtca                                            984
```

<210> 9594
<211> 613
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (446)...(555)
<223> similar to gi1469181 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9594
```
ccacgtagtc cagggccaga gggtcacaga ctccctggaa tgtatgtttc atgagggcag      60
cacctgaaac agggcccagc acataatagg tgctcagtta atactccata agtagatgtt     120
ctttcccaga ccccaagctg tttgccttaa agtcccactt gaaaggctgg aaaagcaagt     180
cacaggcaag acttgtccta gataaagtaa agtgtgagga aggggtgcaa atcaagatta     240
gaggcatacc tgatgtggac ctccgaggat cagagatgtc ctagtcccag ctcatccacc     300
aacttgccat atgactttgg gcaagttacc tcaccttcag atgcctccat tggaaaagaa     360
tacaagggta agaggaggtg acccctgtgg ggggcctgtt atttggaaag tgacagtatt     420
acgacttttt tcctaactcc ctcctgtaca gaaactcagc caagaatgtt taaagcagct     480
ggcaatcaag aagcagcagc acattgacaa cataacccag atagaagatg ccaccgagaa     540
gctcaaggca agtggacatt tcttcctcat acccatggaa agacccacat ttccccccag     600
acaaaaggga ccc                                                       613
```

<210> 9595
```
                                7851
```

<211> 977
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (328)...(507)
<223> similar to gi189397 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9595
```
agcggccgct tgccggcgtt ctggctcctg tggcctcacc aggaagcgtc agagtcccga      60
cactggggaa gctcggagcg ccgcctccgc tgccgccgcc tcctgcctgg ctctgggtcc     120
ccgagccccc tcccctggcc cagcccgact ccctcctcct tcccgaacca tccggctcgg     180
gctccttccc tggcgatggc tggccgctga gccatggctc agtacggcca ccccagtccg     240
ctcggcatgg ctgcgagaga ggagctgtac agcaaagtca cccccggag gaaccgccaa      300
cagcgccccg gcaccatcaa gcatggatcg gcgctggacg tgctcctctc catggggttc     360
cccagagccc gcgcacaaaa agccttggca tccacgggag gaagaagtgt tcaggcagca     420
tgtgactggt tattctccca tgtcggtgac cccttcctgg atgacccct gccccgggag      480
tacgtcctct acctccgtcc caccggcccc ttagcacaga agctttccga cttttggcag     540
cagtcgaagc agatctgcgg gaagaacaag gcacacaaca tcttccccca catcacactc     600
tgccagttct ttatgtgcga ggacagcaag gtggatgccc tgggggaagc cctgcagacc     660
acggtcagtc gctggaaatg taagttctcg gccccgctgc ccctggagct ctatacgtcg     720
tccaacttca tcggcctctt tgtaaaggaa gacagtgcgg aggtcctcaa gaagtttgct     780
gctgactttg ctgcagaggc tgcatccaaa accgaagtgc atgtggaacc tcataagaag     840
cagctacatg tgaccctggc ttaccacttc caagccagcc acctacccac cctagagaaa     900
ctggcccaga acattgacgt caagctaggg tgtgactggg tggctaccat attttctcgg     960
gatatccgat ttgctac                                                   977
```


<210> 9596
<211> 474
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (231)...(429)
<223> similar to gi5689082 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9596
```
tagtccagcg tggtggaatt caaggagcag cgcagaacaa aagctccagg cagctgcttc      60
cgctgtttcg ggggttgggc ggagtgacag ccccacgggc cacgcagcaa gcagaagatc     120
cccgggagtc accctcaacc ctctggggcc acgtgggccc ataaatacca gcctgtctgc     180
gagttagacg ccagtcctgg tggcccggga agcccagatc cgcatcagcg gagcccctgc     240
gtcgcgtggc tgtgactggg ggcacgcatg gcaacgagat gtcgggcgtc tacctggccc     300
ggcactggct gcatgccccc gcagagctgc agagagccag cttctccgct gtgcctgtgc     360
```

7852

```
tggccaaccc ggcagccaca tccggctgcc gccgctacgt ggaccatgac ctcaaccgca     420
ccttcaccag cagcttcctc aattccaggc ctttgacttt gtccttgacc tgca           474
```

<210> 9597
<211> 1117
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (108)...(1120)
<223> similar to gi3212997 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9597
```
tgagctccat gggctcaaat tcagagataa acgggctggc cctgcgcaag acggacaagt      60
atggcttcct tgggggcagc cagtactcgg gcagcctaaa aagctccatt cccgtggacg     120
tggctcggca gcgggagctc aaatggctgg acatgttcag taactgggat aagtggctgt     180
cacggcgatt ccagaaagtg aagctgcgct gccggaaggg gatcccctcc tctctcagag     240
ccaaagcctg gcagtacctg tctaatagca aggaacttct ggagcagaac ccaagaaagt     300
ttgaggagct ggaacgggct cctggggacc ccaagtggct ggatgtgatt gagaaggacc     360
tgcaccgcca gttccctttc cacgagatgt ttgctgctcg aggggggcat gggcaacagg     420
acctgtaccg aatcctgaag gcctacacca tctaccggcc tgacgagggt tactgccagg     480
cccaggcccc cgtggctgcg gtcctgctca tgcacatgcc tgcggagcaa gccttttggt     540
gcctggtgca gatctgcgac aagtacctcc caggttacta cagtgcaggg ctggaggcca     600
ttcagctgga cggggagatc ttttttgcac tcctgcgccg ggcctccccg ctggcgcatc     660
gccacctgcg gcggcagcgc attgaccctg tgctctacat gacggagtgg ttcatgtgca     720
tcttcgcccg caccctgccc tgggcgtcgg tgctgcgtgt ctgggacatg ttttttctgtg     780
aaggcgttaa gatcatcttc cgggtggccc tggtcctgct cgccacacg ctgggctcag     840
tggagaagct gcgctcctgc caaggcatgt atgagaccat ggagcagctg cgtaacctgc     900
cccagcagtg catgcaggaa gacttcctgg tgcatgaggt gaccaatctg ccggtgacag     960
aagcactgat tgagcgggag aatgcagccc agctcaagaa gtggcgggaa acgcgggggg    1020
agctgcagta tcggccctca cggcgactgc atgggtcccg ggccatccac gaggagcgcc    1080
ggcggcaaca gccacccctg ggcccctcct ccagcct                             1117
```

<210> 9598
<211> 532
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (237)...(532)
<223> similar to gi1143061 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9598
gcgaaatcct ttccttccca gggctagcag gcttctttag aatatggatt tccaactttg   60
ccctcctagc tcatcccctc tatgaagtgg ccaaaggccc tcccaatgaa cccctaaacc   120
cctcacataa catactcccc agcttccaca aactccaaac tgctcttgtc actgcgtcag   180
ctccgtcctt acctgatatc tcccaacctt tcactctcta tactgctgaa agctgaggaa   240
tagccctcgg tgtcttagga caacagaaag gaaatcctcc ttcctttgcc cctgtagctt   300
acctctctaa acaactagat aacacagtca aagggtggcc agcctgcttt aaagcactag   360
aagtggtagc cagcttagct ctagaaagca ggaaactaac tttcagccag aataccaccg   420
tccacagttc tcataatcta caagatctcc tctcctccca agcagtaagc tcccttcctc   480
cttccaggat tcaattactc catgccctct ttataaaaaa tcccaaattc ag   532

<210> 9599
<211> 831
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(829)
<223> similar to gi4529890 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9599
tttcgtggga tggggacga gcggccccac tactacggga aacacggaac gccacagaag   60
tatgatccca ctttcaaagg acccatttac aataggggct gcacggatat catatgctgt   120
gtgttcctgc tcctggccat tgtgggctac gtggctgtag gcatcatagc ctggactcat   180
ggagaccctc gaaaggtgat ctaccccact gacagccggg gcgagttctg cgggcagaag   240
ggcacaaaaa acgagaacaa accctatctg ttttatttca acattgtgaa atgtgccagc   300
cccctggttc tgctggaatt ccaatgtccc actccccaga tctgcgtgga aaaatgcccc   360
gaccgctacc tcacgtacct gaatgctcgc agctcccggg actttgagta ctataagcag   420
ttctgtgttc ctggcttcaa gaacaataaa ggagtggctg aggtgcttcg agatggtgac   480
tgccctgctg tcctcatccc cagcaaaccc ttggcccgga gatgcttccc cgctatccac   540
gcctacaagg gtgtcctgat ggtgggcaat gagacgacct atgaggatgg gcatggctcc   600
cggaaaaaca tcacagacct ggtggagggc gccaagaaag ccaatggagt cctagaggcg   660
cggcaactcg ccatgcgcat atttgaagat tacaccgtct cttggtactg ggatatcata   720
agcctgggca ttgccatggc gatgagcctt ctgttcatca tcctgcttcg cttcctggct   780
gggattatgg gccggggggat gatcatcatg gggattctgg tgctgggcta c   831

<210> 9600
<211> 1149
<212> DNA
<213> Homo sapiens

7854

<220>
<221> misc_feature
<222> (96)...(1146)
<223> similar to gi50479 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9600
ggcattcccg ggtcgacgat ttcgttcggt ctctgggcgg cggcggcggc ccactctgcc   60
ctggccgcgc tgtgtggtga ccgcaggccc gagacatgag ggcggcccgt gctctgctgc   120
ccctgctgct gcaggcctgc tggacagccg cgcaggatga gccggagacc ccgagggccg   180
tggccttcca ggactgcccc gtggacctgt tctttgtgct ggacacctct gagagcgtgg   240
ccctgaggct gaagccctac ggggccctcg tggacaaagt caagtccttc accaagcgct   300
tcatcgacaa cctgagggac aggtactacc gctgtgaccg aaacctggtg tggaacgcag   360
gcgcgctgca ctacagtgac gaggtggaga tcatccaagg cctcacgcgc atgcctggcg   420
gccgcgacgc actcaaaagc agcgtggacg cggtcaagta ctttgggaag ggcacctaca   480
ccgactgcgc tatcaagaag gggctggagc agctcctcgt gggggggctcc cacctgaagg   540
agaataagta cctgattgtg gtgaccgacg ggcaccccct ggagggctac aaggaaccct   600
gtgggggggct ggaggatgct gtgaacgagg ccaagcacct gggcgtcaaa gtcttctcgg   660
tggccatcac acccgaccac ctggagccgc gtctgagcat catcgccacg gaccacacgt   720
accggcgcaa cttcacggcg gctgactggg gccagagccg cgacgcagag gaggccatca   780
gccagaccat cgacaccatc gtggacatga tcaaaaataa cgtggagcaa gtgtgctgct   840
ccttcgaatg ccagcctgca agaggacctc cggggctccg gggcgacccc ggctttgagg   900
gagaacgagg caagccgggg ctcccaggag agaagggaga agccggagat cctggaagac   960
ccggggacct cggacctgtt gggtaccagg gaatgaaggg agaaaaaggg agccgtgggg   1020
agaagggctc caggggaccc aagggctaca agggagagaa gggcaagcgt ggcatcgacg   1080
gggtggacgg cgtgaagggg gagatggggt acccaggcct gccaggctgc aagggctcgc   1140
ccgacgaaa   1149

<210> 9601
<211> 1196
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (174)...(1193)
<223> similar to gi4929827 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9601
tttcgtccag cccacacctt caccagggcc caggagccac catgtggcga tgtccactgg   60
ggctactgct gttgctgccg ctggctggcc acttggctct gggtgcccag cagggtcgtg   120
ggcgccggga gctagcaccg ggtctgcacc tgcggggcat ccgggacgcg ggaggccggt   180
actgccagga gcaggacctg tgctgccgcg gccgtgccga cgactgtgcc ctgccctacc   240
tgggcgccat ctgttactgt gacctcttct gcaaccgcac ggtctccgac tgctgccctg   300
acttctggga cttctgcctc ggcgtgccac ccccttttcc cccgatccaa ggatgtatgc   360
atggaggtcg tatctatcca gtcttgggaa cgtactggga caactgtaac cgttgcacct   420

7855

```
gccaggagaa caggcagtgg cagtgtgacc aagaaccatg cctggtggat ccagacatga    480
tcaaagccat caaccagggc aactatggct ggcaggctgg gaaccacagc gccttctggg    540
gcatgaccct ggatgagggc attcgctacc gcctgggcac catccgccca tcttcctcgg    600
tcatgaacat gcatgaaatt tatacagtgc tgaacccagg ggaggtgctt cccacagcct    660
tcgaggcctc tgagaagtgg cccaacctga ttcatgagcc tcttgaccaa ggcaactgtg    720
caggctcctg ggccttctcc acagcagctg tggcatccga tcgtgtctca atccattctc    780
tgggacacat gacgcctgtc ctgtcgcccc agaacctgct gtcttgtgac acccaccagc    840
agcagggctg ccgcggtggg cgtctcgatg gtgcctggtg gttcctgcgt cgccgagggg    900
tggtgtctga ccactgctac cccttctcgg gccgtgaacg agacgaggct ggccctgcgc    960
ccccctgtat gatgcacagc cgagccatgg gtcggggcaa gcgccaggcc actgcccact   1020
gccccaacag ctatgttaat aacaatgaca tctaccaggt cactcctgtc taccgcctcg   1080
gctccaacga caaggagatc atgaaggagc tgatggagaa tggccctgtc caagccctca   1140
tggaggtgca tgaggacttc ttcctataca agggaggcat ctacagccac acgcca       1196


        <210> 9602
        <211> 1038
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (540)...(828)
        <223> similar to gi2635371 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters



        <400> 9602
gcatgatggg agttgtagtt cgatgctggt ttagggtttc aggcgtggag gttccaaaat     60
ccgaggtttg atttcagcct gcccttgcca gtgcctgggc cgctgggagc cgttattggc    120
tgccgttaag gaccgttacg tttcccgggc tggagtgcaa tgacgcaatc tcggctcact    180
gcaacctctg ccttctgggt tcaggtgatt gtcctgcctc ggcctcctga gtagctggga    240
ctgcaggcac gtgccaccac acctggctga tttttgtatt tttagtggag acggggtttt    300
gctatgttgg ccaggctggt cccgaactcc tgacctcagg tgacccgcct gcctcagcct    360
ccgaaagtgt tgggattaca ggcgtcagcc accgcaccca tccgcttgcc acagctttta    420
aggtccttct ggcactcctc tggtggaccg ccccatcgg ccacacttgc cctgctctcc    480
agtgattctg tagctcctgg ctccgtagtc tcgcggacag ctctctttcc tggaagatgt    540
ttctggtggg cctgacaggg ggcattgcct caggcaagag ctcagtgatc caggtgttcc    600
agcagctggg ctgtgcggtg attgacgtgg acgtgatggc ccggcacgtc gtgcagccag    660
gataccctgc ccaccggcgc atcgtagagg tcttcggcac tgaggtcttg ctggagaacg    720
gcgacataaa tcgcaaggtc ctgggggacc tgatctttaa ccagcctgac cggcggcagc    780
tgctcaacgc catcacccac cccgagattc gcaaggagat gatgaaggag acgttcaagt    840
acttcctccg ggagccccgt accagcccca gaggaaagaa gcacgttccc tcagctctta    900
aggaggctga cagtttaatg agaagagaca catgaggctt tcgagccatg agcccaggaa    960
ttactggtat atctgcaggg cttcgaggcg gcagtggctc tccccttctg aaattaaaca   1020
tcggataatg tcaccagc                                                 1038



        <210> 9603
```

<211> 530
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (397)...(486)
<223> similar to gi3169705 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9603
tttcgtctca gctcgggccc gcgttacatc ctcctcctct tcttccttcg gcccagcttt   60
ccttaggggc tgcaacccgg acgccgaggc cggtttcgga gtggggagtg cccattttct   120
ctccttccca cgttcctggc ccccagacgc catttgcagg cgggtggctt gggtcagcct   180
ccccgccccc acccgactcc cgtcacggga gagcgcacac cgcgccccga gaaccaatca   240
gcagccgcgt taggtaacca tgtctgagtc tggacacagt cagcctggac tctatgggat   300
agagcggcgg cgacggtgga aggagcctgg ctctggtggc ccccagaatc tctctgggcc   360
tggtggtcgg gagagggact acattgcacc atgggaaaga gagagaaggg atgccagcga   420
agagacaagc acttccgtca tgcagaaaac ccccatcatc ctctcaaaac ctccaacaga   480
gcggtcaaaa cagccaccac ctccaacagc ccctgctgcc ccgctgtatt   530

<210> 9604
<211> 977
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (240)...(977)
<223> similar to gi3980555 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9604
cggttcgacg acttcgtctt aacattggca tgcagctcag gtgttatgag atggagaaaa   60
ggctaaaaac accagatctt ttcaaattcc ctttctttga agccatatgt tggtttgtag   120
ccaaaaactt gctggaaacc ctgaaagaac tgagagaaga tggtttccag cctcaaactt   180
acctagtaca gggagtgaaa gcactgcata ctgctttaaa attatggatg aaaaaagaac   240
ttgtatctga acatgccttt gaaattccag acaatgttag acctggacac cttattaaag   300
aactttctaa agtaattcga gcaatagagg aggaaaacgg caaaccagtt aaatctcagg   360
gaattcctat tgtgtgtcca gtttcacgat cctcaaatga agcaacttcc ccataccatt   420
cccgaagaaa gatgaggaaa cttcgagatc ataatgtccg aactccttct aacctagaca   480
tcctagagct ccacacaagg gaggtcctca aaagattaga gatgtgtcca tgggaagagg   540
acatcttgag ctctaaactg aatggaaaat tcaacaaaca tctccaacca tcctccacag   600
tacctgaatg gagagcgaaa gataatgatc tacgattact gctgacaaat ggaagaataa   660
ttaaagatga aaggcagccc tttgcagatc aaagtcttta tacagcagat agtgaaaatg   720
aagaggataa aagaaggaca aaaaaggcaa aaatgaagat agaagagagt tcaggagtag   780
agggagtgga acatgaagaa tctcaaaaac cactgaatgg gttttttaca agtgtgaaat   840

```
cagaactcag gagtagatca tcaggatatt ctgatatttc tgagtcagaa gactccggac      900
ccgagtgcac tgcactgaaa agtatcttta ccactgaaga gtctgaaagt tcaggtgatg      960
aaaaaaaaca aaaaaaa                                                      977




        <210> 9605
        <211> 745
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (279)...(559)
        <223> similar to gi402207 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters




        <400> 9605
   ggggccagga ctgctgctgt cactgccatc cattggagcc cagcaccccc tccccgccca      60
   tccttcggac agcaactcca gcccagcccc gcgtccctgt gtccacttct cctgacccct     120
   cggccgccac cccagaaggc tggagcaggg acgccgtcgc tccggccgcc tgctcccctc     180
   gggtccccgt gcgagcccac gccggccccg gtgcccgccc gcagccctgc cactggacac     240
   aggataaggc ccagcgcaca ggcccccacg tggacagcat ggaccgcggc acgctccctc     300
   tggctgttgc cctgctgctg gccagctgca gcctcagccc cacaagtctt gcagaaacag     360
   tccattgtga ccttcagcct gtgggccccg agaggggcga ggtgacatat accactagcc     420
   aggtctcgaa gggctgcgtg gctcaggccc ccaatgccat ccttgaagtc catgtcctct     480
   tcctggagtt cccaacggtg agtgtcccat ggcagggtcg ggtgggggct cagaggaagc     540
   tccaaggcag atggggtgag gggtgccttc cttgtggctg tccctggggc agaggctgag     600
   tcctcgttag gccccctgcc aagagagtga tgtgggcatc tcacagggcc cataagaggt     660
   ggcatttcta ggggcagggt ctggatcaag gcagtctttt gggtgccacc agaaaactca     720
   agtgggaaaa agttgataaa gaaat                                           745




        <210> 9606
        <211> 1191
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (298)...(1192)
        <223> similar to gi30076 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters




        <400> 9606
   gcattcccgg gtcgacgatt tcgtcgccgg gacaccaggg ctccgcgctc cgcactcaag      60
```

```
aggctcccgc gtcccaaccc ctcgcgcccg cgcgttcgcg gatccaggcc gaggaccgaa      120
aggggccgcc cgagcccccg gggccggcgc ccagagagcc cagcaaggcc ggccgccctg      180
ccggtgtgcc gccggcgggt gcttctggaa gggccaatgc gttcgggcag cagcccctga      240
agccgagccc gaggctaagt gggactgacc ggggcccaga gtggacgaac cgccagcatg      300
gggagagacc agcgcgcggt ggccggccct gccctacggc ggtggctgct gctggggaca      360
gtgaccgtgg ggttcctcgc ccagagcgtc ttggcgggtg tgaagaagtt tgatgtgccg      420
tgtggaggaa gagattgcag tggggctgc cagtgctacc ctgagaaagg tggacgtggt      480
cagcctgggc cagtgggccc ccaggggtac aatgggccac caggattaca aggattcccc      540
gggctgcagg gacgtaaagg agacaagggt gaaaggggag ccccggagt aacaggaccc      600
aagggcgacg tgggagcaag aggcgtttct ggattccctg gtgccgatgg aattcctgga      660
cacccggggc aaggtgggcc caggggaagg ccgggctacg atggctgcaa cggaacccag      720
ggagactcag gtccacaggg gccccccggc tctgaggggt tcaccgggcc tcccgggccc      780
caaggaccaa aagggcagaa aggtgagcct tatgcactgc ctaaagagga gcgcgacaga      840
tatcggggtg aacctggaga gcctggattg gtcggtttcc agggacctcc cggccgccct      900
gggcatgtgg gacagatggg tccagttgga gctccaggga gaccaggacc acctggaccc      960
cctggaccaa aaggacagca aggcaacaga ggacttggtt ctacggagt taagggtgaa     1020
aagggtgacg tagggcagcc gggacccaac gggattccat cagacaccct ccaccccatc     1080
atcgcgccca caggagtcac cttccaccca gatcagtaca agggtgaaaa aggcagtgag     1140
ggggaaccag gaataagagg catttccttg aagggagaag aaggaatcat g             1191
```

<210> 9607
<211> 819
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (467)...(770)
<223> similar to gi4886499 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9607
```
ccgaatcatc ggataccgct ccggaatttc cgggtcgacg atctcgtccg agttggagta       60
cgagtctgtg ctgtgtgtga agccagacgt cagcgtctac cggattccgc cccgggcctc      120
caaccgcggt tacagggcct ctgactggaa attagaccag cctgattgga ctggtcgcct      180
ccgaatcact tcaaaaggga agactgccta tatcaaactc gaggataaag tttcagggga      240
gctctttgct caggcaccag tagaacaata tcctggtatt gctgtggaga cggtgacaga      300
ttctagccgc tactttgtaa tccggatcca ggatggtact gggcgcagtg ctttcattgg      360
cattggcttc acagatcggg gagatgcctt cgactttaat gtctccttgc aggatcactt      420
caagtgggta aagcaggaat ctgagatttc caaggaatct caagaaatgg atgctcgtcc      480
taagttggat ctgggcttca aggaaggaca aaccatcaag ttgtgtatcg ggaacattac      540
aaacaagaaa ggaggtgctt ctaagcccag gactgcaagg ggtgggggtc tgagcttact      600
cccacccccg ccaggaggca aagtcactat tcccccacca tcctcctcag ttgccatcag      660
caatcatgtc accccaccac ccattccgaa atctaaccat ggaggcagtg atgcagatat      720
cctttttagat ttggattctc ctgctcctgt cacgacacca gcaccactgt attgcggccg      780
ctctggagga tccacgctaa cgtacgcggg cgttacact                            819
```
7859

<210> 9608
<211> 1207
<212> DNA·
<213> Homo sapiens

<220>
<221> misc_feature
<222> (463)...(1208)
<223> similar to gi673454 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9608
```
cgccccagac cttaagtgca aatgccccga ttgcacgaag ggggcttaac tgcaacctcc     60
ccttcccggg ttcaagcatt tatcctgcat cagcctccca agtagttggg attacaggcg    120
cccgccatca cgcctggata atttttatgt atttttggtg gaaacagagt ttcaccatgt    180
tggcccggct ggttgcgaac tcctgaacgc aagtgatccg cctgcctcag cctcccaagg    240
tgctgggatt acaggcacga gccactgtgc ctggcctcaa ctgttgcttc ttataaaggt    300
gtgttccaga gaacaagcct tcagacattt gctatattga cgctgagctg tcaggggact    360
caggcttatg aggaggtatt gttacacaaa acagtgtcta gtgaagacga caagaaagag    420
gggaaaggat cggaaaaaga agctaaaata ctatagaaaa ccatgagatc tattcgatct    480
tttgctaatg atgatcgcca tgttatggtg aaacattcaa caatctatcc atctccggag    540
gaacttgaag ctgttcagaa tatggtatct actgttgaat gtgctcttaa acatgtctca    600
gattggttgg atgaaacaaa taaaggcaca aaaacagagg gtgagacaga agtgaagaaa    660
gatgaggccg gagaaaacta ttccaaggat caaggtggtc ggacattgtg tggtgtaatg    720
aggattggcc tggttgcaaa aggcttgctg attaaagatg atatggactt ggagctggtt    780
ttaatgtgca aagacaaacc cacagagacc ctgttaaata cagtcaaaga taatcttcct    840
attcagattc agaaactcac agaagagaaa tatcaagtgg aacaatgtgt aaatgaggca    900
tctattataa ttcggaatac aaaagagccc acgctaactt tgaaggtgat acttacctca    960
cctctaatta gggacgaatt ggagaagaag gatggagaaa atgtttcgat gaaagatcct   1020
ccggacttat tggacaggca gaaatgcctg aacgccttgg cgtctcttcg acatgccaaa   1080
tggtttcagg caagggcaaa tggattaaaa tcatgtgtaa ttgtcctccg cattctgcgt   1140
gatttgtgca acagagtccc cacatgggca ccattgaaag gatggccact agaacttata   1200
tgtgaaa                                                             1207
```


<210> 9609
<211> 578
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (367)...(555)
<223> similar to gi1247388 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9609

```
ttctatttcg tccaggggat ggacgagtac tcaggctttc ctcgaatctc tgcttgagtg      60
gggcagcctc ggggcctccg dacgctggag aagctcacag catctgtggc cgggggtgca     120
actaactttt ttggtgacat tgaaagagat ttaggtccaa gagatacgag caggggaatt     180
aggggtggga atttgggggga cagaggctgt tcttcagcgg aaatggccta tgcctcctgg     240
cagaggtggt ccccagtgga atgggcccgg tggatgtgga cagcggtgac cagcagtggg     300
gactccagtc tgctggtgct tcagggagac tctggaaaaa ggagttccga ttctgaagag     360
gcatttgaga ccccggagtc aacgacccct gtcaaagctc cgccagctcc acccccacca     420
cccccgaag tcatcccaga acccgaggtc agcacacagc caccccgga agaaccagga     480
tgtggttctg agacagtccc tgtccctgat ggcccacgga gcgactcggt ggaaggaagt     540
cccttccgtc ccccgtcaca ctccttctct gccgtctt                            578
```

```
        <210> 9610
        <211> 406
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (114)...(409)
        <223> similar to gi3879684 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9610
ggcagacgag gccggcttct ccgcggacag ctagggagag tgtcctgggt gtcagccaga      60
acatgtcttt caacctgcaa tcatcaaaga aactgttcat tttcttagga aaatcactgt     120
ttagtcttct ggaggctatg attttttgcct tactcccaaa gccacggaag aacgttgctg     180
gtgaaatagt cctcatcaca ggtgctggaa gtggactcgg aaggctctta gccttgcagt     240
ttgcccggct gggatctgtt cttgttctct gggatatcaa taaggagggg aatgaggaaa     300
catgtaagat ggctcgggaa gctggagcca caagagtgca cgcctatacc tgcgattgca     360
gccaaaagga aggagtgtat agagtagccg accaggttaa aaaaga                    406
```

```
        <210> 9611
        <211> 839
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (218)...(838)
        <223> similar to gi3928166 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9611
```

```
gaattcccgg gtcgacgatt tcgtgcggtg cctgcgctgt ggccatgtct gtgtacgcag      60
ggggccgggg ccccgcgaag ctgtgccctc aggccggccc cggccggaca cccttacccc     120
tccatgggtc cggcagaggg cagtgaccgg caccttctgt gcgtcctgga ctcctctgag     180
aaacaggaga gctcaaagga tggctactga catgcagagg aagagaagca gcgaatgcct     240
tgatggcaca ttgactcctt ctgatggaca gagtatggag agagctgaga gccccacacc     300
aggaatggcc cagggaatgg agccaggtgc gggccaggag ggtgccatgt tcgtccatgc     360
ccgttcctac gaggacctga ctgagtcaga ggatggggca gcttctgggg acagccacaa     420
ggagggtacc aggggtcccc cgccgctgcc tacagacatg cgccagatca gccaggactt     480
tagcgagcta agcacccagc tgacgggtgt ggcccgggac ctgcaggagg agatgctgcc     540
aggaagctct gaggattggc tggaaccccc aggggcagtt gggcgaccag ccacagagcc     600
ccccagggag ggcacaaccg aggggggatga ggaggatgcc acggaggcat ggcgcctgca     660
ccaaaagcat gtctttgtgc tgagtgaggc agggaagcct gtgtactccc gctatgggtc     720
tgaggaggca ctttccagca ctatgggtgt tatggtggcc ctggtgtcct tcctggaggc     780
agacaagaac gccatccgct ccatccatgc agatggctac aaggtagtat tcgtgcgcc      839
```


<210> 9612
<211> 1126
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (74)...(1101)
<223> similar to gi3875373 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

        <400> 9612
```
tttcgtctgc cgaggaggcc gcagcagtcg ccgcgcgaac atggcggccg aaatccactc      60
caggccgcag agcagccgcc cggtgctgct gagcaagatc gaggggcacc aggacgccgt     120
cacggccgcg ctgctcatcc ccaaggagga cggcgtgatc acggccagcg aggacagaac     180
catccgggta tggctgaaaa gagacagtgg tcaatactgg cccagcattt accacacaat     240
ggcctctcct tgctctgcta tggcttacca tcatgacagc agacggatat ttgtgggcca     300
ggataatgga gctgtaatgg aatttcacgt ttctgaagat tttaataaaa tgaactttat     360
caagacctac ccagctcatc agaaccgggt gtctgcgatt atcttcagct tggccacaga     420
gtgggtgatc agtaccggcc acgacaagtg tgtgagctgg atgtgcacgc ggagcgggaa     480
catgctcggg aggcacttat tcacgtcctg ggcttcgtgt ctgcaatatg actttgacac     540
tcagtatgct ttcgttggtg attattctgg gcagatcacc ctgctgaagc ttgaacagaa     600
cacgtgttca gtcatcacaa ccctcaaagg acatgaaggt agtgtcgcct gcctctggtg     660
ggaccctatt cagcggttac tcttctcagg agcatctgac aacagcatca tcatgtggga     720
catcggagga aggaaaggcc ggacgctgtt acttcagggc catcatgaca aggtgcagtc     780
gctgtgctac cttcagctca ccaggcagct cgtctcctgt tcctcggacg gcggaattgc     840
agtgtggaac atggatgtta gcagagaaga ggctcctcag tggttggaaa gtgattcttg     900
tcagaaatgt gagcagccat ttttctggaa cataaagcag atgtgggaca ccaagacgct     960
ggggctaaga caacatcact gcaggaaatg cgggcaggct gtctgcggga agtgcagcag    1020
caagcgctca agttacccag tcatgggctt cgagttccaa gtccgggttt gtgattcttg    1080
ttacgactcc atcaaagatg aagatcggac ttctctagcg accttg                   1126
```
```

<210> 9613
<211> 747
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (203)...(734)
<223> similar to gi15068 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


        <400> 9613
ccccagtacc caatgatccc atgcaatgag agttgttccg ttgtggggaa agttatcgct     60
agtcagtggc ctgaagagac gtttggctga tcggcaaggt gttctggtcg gcgcatagct    120
gataacaatt gagcaagaat cttcatcgaa ttaggggaat tttcactccc ctcagaacat    180
aacatagtaa atggattgaa ttatgaagaa tggtttttat gcgacttacc gcagcaaaaa    240
taaagggaaa gataagcgct caataaacct gtctgttttc cttaattctc tgctggctga    300
taatcatcac ctgcaggttg gctccaatta tttgtatatt cataaaatcg atggaaaaac    360
ttttctcttt accaaaacaa atgacaagag tctggttcag aagataaatc gctctaaagc    420
ttcagttgaa gatattaaga acagcctcgc agatgacgaa tcattgggat tcccatcttt    480
tttgtttgtt gaaggcgaca ccattggttt tgccagaact gttttcgggc cgaccacatc    540
cgatctgaca gatttttaa tcgggaaagg aatgtcatta agcagtggag agcgcgttca    600
gatagagcca ctgatgaggg gaaccaccaa agacgatgtt atgcatatgc atttcatcgg    660
ccgaacaacg gtgaaggtag aagccaagct acctgtattt ggcgatatat taaaggtctt    720
aggggcaacc cggtacccaa ttcgccc                                        747


        <210> 9614
        <211> 1806
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (216)...(921)
        <223> similar to gi4239895 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters


        <400> 9614
ccccccgcttg gcttccagcg ccgcttgcgc tccggagcgc tggctctgct ggcgctgaga     60
aatggaccaa ttttgacaag atatagtgct gcagcgtgcc tgatgggata tattcagtca    120
tggcgtccga actttgtaag acgatctctg tggcaaggct agaaaagcac aagaatttgt    180
tcttaaatta taggaatctg caccattttc cattggagtt actgaaagat gagggactgc    240
agtacttgga gagactctat atgaaaagga actccctgac atccttgcca gaaaaccttg    300
ctcagaagct tccaaacctt gtggaactat acctgcactc aaataacata gttgtggttc    360
cggaagccat tgggtctctt gtaaaactcc aatgtctgga tcttagtgac aatgccttag    420
aaattgtttg cccagaaatt ggtcgtctga gagctttacg tcatcttcga ttagctaata    480

```
accaactgca attcctacct ccagaggttg gcgatttgaa ggagctgcag acactagaca      540
tttctaccaa tcgtttgcta actttacccg agaggcttca catgtgcctt tctctgcagt      600
acctcactgt ggaccgaaat cgtctatggt atgtgccgcg ccatctctgc cagctgccca      660
gcctcaatga gctctccatg gctggaaacc gtcttgcatt tttgccactt gatttaggtc      720
gatctcgaga actacagtat gtatacgtgg ataacaacat tcacctgaaa ggcttgccat      780
cttatctgta caataaagtc atcgggtgca gtggctgtgg tgctcccatt caagtttccg      840
aggtgaagct gctttccttt tcatcagggc agcgaaccgt tttcctccca gctgaggtga      900
aggccatagg gacggagcat gatcacgtcc tccctctgca ggaattggct atgagagggc      960
tgtatcatac ctaccacagc ttgctgaaag atttgaactt tctgtctcca atctcattac     1020
ccagaagtct cctagagctg ctgcactgcc ctctggggca ctgtcatcgg tgtagtgagc     1080
ctatgtttac catcgtctac cccaagctct ttcccttgag agagacgcca atggcagggc     1140
tgcaccagtg gaagacaact gttagttttg tggcttactg ctgctccacc cagtgtctgc     1200
agacttttga cctgctgagt tgataaacac tcaagaacct caggagcgct gccagcttga     1260
cactggggaa tccagccagt ccagcacact cttccatcct gtcctgtcca atgcgggggc     1320
actgcagaac tctctagaaa tgtcatgatt gagcttcaga gctaaaatgc cttcaccctt     1380
cccccaagtt ggaatatatc ctcccccaaa ttaaggaccc atttgtcttc tgtgtttttc     1440
cttttttatgt gagtgtgtct tttacagaaa ccatttagat tgatgggcct ccccaaatct     1500
aatttaaagc aagtttccgg tccttggaga acagtgactt gatcatctag ccagattccc     1560
ttttgaacac acataccttc agtgatgctt cctctcctct cccctccctt gctttcccca     1620
gagagttatt tccctgagac catgttctcc acagtgtctc cagtggaaac ttgtcagttt     1680
ttgaggagtt tcagcaaacc ccgtggcctc aaatggtctt gaagtagcag ggtggggcgc     1740
ctgagttggc aagcaaagtg aggctcccat ggaggctcag tgagggtccc agagcacaca     1800
ccctct                                                                 1806
```

<210> 9615
<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (498)...(765)
<223> similar to gi3309176 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

      <400> 9615
```
ctccccgtga agtcccatac tacacaatat tcatctggtg ttgttgccta gagtttgtcc       60
cagcggaggg ttggcttcgg atctgcagag gctttaggga cctgctccag ccactgaaca      120
cactagccgt ctgagacggc agctgagttg cactgtgcga cgcgacagag actacatttc      180
ccagcattcc agcggcgcac tcgggggacc acagatccca gcgcaccaca gatcccagcg      240
caccacaaag aggcccgggg actacaaatc ccagcatccc ctgcactcgg ttcctctgta      300
acttagactc cagtgtgccg cgcagtgtgc gcaaattcac aaacccgccc gctgagttgg      360
tcgttcgga atcccgagac ttgaacccca acgggaagac ccttctcacc ctcaaaagaa      420
gatgacagcc cgcagagagt taacttctgt ttacatggaa ctcagacatc tgcaaatcat      480
gatttcaagg ccagagaatg gcaggggaac agaaaccctc aagtaatctc ctggagcagt      540
ttattttact agccaaaggt accagtggct cagccctcac tgctctcata agccaggtct      600
tagaggctcc cggagtgtat gtctttggag aacttctgga gctggccaac gtgcaggagc      660
ttgcggaagg agctaatgct gcttatttgc agttgttgaa cctgtttgcc tatgggacat      720
acccagatta catagccaac aaggagagcc tgccagaact gtatt                     765
```

<210> 9616
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(858)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (71)...(859)
<223> similar to gi5923874 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9616
tgacatcgcc ctttcctctt ggccatgccc gctggcgagc cgagcccccc caacgatgag   60
gtcgtcctgt gtcctgctca ccgccctggt ggcgctggcc gcctattacg tctacatccc   120
gctgcctggc tccgtgtccg accccctggaa gctgatgctg ctggacgcca ctttccgggg   180
tgcacagaaa gtgagtaacc tgatccacta cctgggactg agncatcacc tgctggcact   240
gaattttatc attgtttctt ttggcaaaaa aagcgcgtgg tcttctgccc aagtgaaggt   300
gaccgacaca gactttgatg gtgtggaagt cagagtgttt gaaggccctc cgaagcccga   360
agagccactg aaacgcagcg tcgtttatat ccacggagga ggctgggcct tggcaagtgc   420
aaaaatcagg tattatgatg agctgtgtac agcaatggct gaggaattga atgctgtcat   480
tgtttccatt gaatacaggc tagttccaaa ggtttatttt cctgagcaaa ttcatgatgt   540
tgtacgggcc acaaagtatt tcctgaagcc agaagtctta cagaagtata tggttgatcc   600
aggcagaatt tgcatttctg gtgacagtgc tggtggaaat ctggctgctg cccttggaca   660
acagtttact caagatgcca gcctaaaaaa taagctcaaa ctacaagctt taatttatcc   720
agttcttcaa gctttagatt ttaacacacc atcttatcag caaaatgtga acaccccaat   780
cctgcccgc tatgtcatgg tgaagtattg ggtggactac ttcaaaggca actatgactt   840
tgtgcaggca atgatcg   857

<210> 9617
<211> 2132
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (772)...(1839)
<223> similar to gi3327128 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9617
```
cgtgaggacc agcggctgct gccctgccgc aagtacgagc agatcgaaga gggcactgtc    60
cggcgcctca tcatccacag gctgaaggca gacgatgatg gtatctacct gtgcgagatg   120
cggggccggg tgcgcaccgt ggccaacgtc acagtcaaag ggcccatcct gaagcgtctg   180
ccccggaagc tcgacgtcct gggaaggaga gaatgctgtg ctgctagtgg aaactctaga   240
ggccggggtc gagggacgct ggagccgtga tggggaggag ctgccggtca tctgccagag   300
cagcttcagg ccacatgcat gccctggtcc ttccaggggt cacccgacga ggatgctggc   360
gaggtcacct ttagcctggg caactcccgt accactacgc ttctcagagt aaaatgtgtc   420
aagcacagtc ccccaggacc ccccatattg gcagagatgt tcaagggcca caagaacacg   480
gtcctgttga cctggaagcc tcccgagcca gctcccgaga ccccattcat ctaccggctg   540
gagcggcagg aagtgggctc tgaagactgg attcagtgct tcagcatcga gaaagccgga   600
gccgtggagg tgccgggcga ctgtgtgccc tccgagggtg actaccgctt ccgcatctgc   660
acagtcagcg gacatggccg tagtccccac gtggtgttcc acggttctgc tcaccttgtg   720
cccacagctc gcctggtggc aggtctggag gatgtgcagg tatacgacgg ggaagatgcc   780
gtcttctccc tcgatctctc caccatcatc cagggtacct ggttccttaa tggggaagag   840
ctcaagagta acgagccgga gggccaggtg gaacctgggg ccctgcggta ccgtatagag   900
cagaagggtc tgcagcacag actcatcctg catgccgtca agcaccagga cagcggtgcc   960
ctggtcggct tcagctgccc cggcgtgcag gactcagctg ccctcacaat ccaagagagc  1020
ccggtgcaca tcctgagccc ccaggacaag gtgtcgttga ccttcacaac ctcagagcgg  1080
gtggtgctga cttgtgagct ctcaagggtg gacttcccgg caacctggta caaggatggg  1140
cagaaggtgg aggagagcga gttgctggtg gtgaagatgg atgggcgcaa acaccgtctg  1200
atcctgcctg aggccaaagt ccaggacagt ggcgagtttg agtgcaggac agaaggggtc  1260
tcggccttct tcggcgtcac tgtccaagat cctcccgtgc acatcgtgga cccccgagaa  1320
catgtgttcg tgcatgccat aacttccgag tgtgtcatgc tggcctgtga ggtggaccga  1380
gaggacgccc ctgtgcgttg gtacaaggac gggcaggagg tggaggagag tgacttcgtg  1440
gtgctggaga atgaggggcc ccatcgccgc ctggtgctgc ccgccaccca gccctcagac  1500
ggggcgagt ttcagtgcgt cgctggagat gagtgtgcct acttcactgt caccatcaca  1560
gacgtctcct cgtggatcgt gtatcccagc ggcaaggtgt atgtggcagc cgtgcgcctg  1620
gagcgtgtgg tgctgacctg tgagctatgc cggccctggg cagaggtgcg ctggaccaag  1680
gatggagagg aggtggtgga gagccccgcg ctgctcctgc agaaggaaga cactgtccgc  1740
cgcctggtgc tgcccgctgt ccagctcgag gactccggcg agtacttgtg tgaaattgac  1800
gatgagtcgg cctccttcac tgtcaccgtc acagagtctt accaaagtca ggacagttca  1860
aataacaatc cggagttatg cgtcctcttg aaaaagccga agacccggcg gctctggtcc  1920
cgcttccccc catggcgacg aacagctggc actgagtagc agctgccccc atagtttggg  1980
gcccacattc ctctgtccca cctccctgcc attgcttttt gcctctcccc agactgcttc  2040
agccgctaac ctaacctggc ccctgtgggc atttgagttt gcgacccctg tgttaaacca  2100
ataaacatgc aaataaatgt acaaaaaaaa aa                                2132
```

<210> 9618
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (354)...(469)
<223> similar to gi545621 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

7866

```
      <400> 9618
gcgaggaacc ctctggccgc gctgtggctg tttcaccgct ccccggctgg gacttggagt      60
cccttatctt tccctggttt ggtacatgac ccggaagcct cggctggccg ttgcgtcatc     120
catggcgccg gcgcagagcg agaaggaggt gggaacgccg tgaagcaaga gcggtcggca     180
gagcggggag gcgaactgca gcagagttct tgctttccgg caggtgatgg cgccccccgc     240
ggcctagagg tccagcgccc gccgcgagca gcggacagtc ctcctgttgt gtccgaccga     300
gagtcctggt gactttgaac atgctggtgc cgctagccaa gctgtcctgc ctgggagtga     360
acatggaaag gtttgcagaa gaagcagatg ttgtaatagt tggtgcaggc cctgcagggc     420
tctctgcagc tggtcgtcta aaacagttgg ctgtggcaca tgaaaa                    466
```



```
      <210> 9619
      <211> 640
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (412)...(635)
      <223> similar to gi5726236 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters
```



```
      <400> 9619
cctaatttca aatcggtaag cggttttttt gcacttggat aagcggtttt tttgctcttt      60
acctaacctc tctcacctcc cttcaatctc tcttctttca gtttcagttt ctctcccttc     120
ctagtagaga caaaaaggag acacatttta tccgtgcatc caaagactcc gatgttggtc     180
atggacttgg gaagacagtc ttcccttggc gtttgatcac tgcggagatg ccttccttga     240
tcattcaccc acattccctt gatggcaggt caattgcagg gatgcctgct ttggctgctc     300
acccacatta aagcccagga ctcagtcagg gatgcctact ggaagactgg tagctgccca     360
cctccatttc tccatgtgtc taccttcctc tttaaactta ccttctccac tatgggcaac     420
cttccgccat ccattcctcc ctcttccccc ttagcctgtg ttcttaaaaa cctaaaaccc     480
cttcaactaa cacctgacct aaaacctaaa tgtcttattt tcttctgtaa taccacttgg     540
ccccaataca aactcgacaa tagaaccaag tggccagaga aatggcactt tcgatttgtc     600
ttcttacaaa acctagataa tttttgtcaa caatgaattt                           640
```



```
      <210> 9620
      <211> 508
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (107)...(504)
      <223> similar to gi4587209 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters
```

<400> 9620
gcgttgaatt cgtatgctgc tgaaggaatc ttgtggaaat gttttttttct ctgcagtgag   60
aataaggagg agcaggaaac acagcataat tagcatcatc attattctgg ctggagcaat   120
tgcactcatc attggctttg gtatttcagg gagacactcc atcacagtca ctactgtcgc   180
ctcagctggg aacattgggg aggatggaat cctgagctgc acttttgaac ctgacatcaa   240
actttctgat atcgtgatac aatggctgaa ggaaggtgtt ttaggcttgg tccatgagtt   300
caaagaaggc aaagatgagc tgtcggagca ggatgaaatg ttcagaggcc ggacagcagt   360
gtttgctgat caagtgatag ttggcaatgc ctctttgcgg ctgaaaaacg tgcaactcac   420
agatgctggc acctacaaat gttatatcat cacttctaaa ggcaagggga atgctaacct   480
tgagtataaa actggagcct tcagcatg   508

<210> 9621
<211> 1374
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (185)...(1259)
<223> similar to gi487785 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9621
gggcggaatt cgcctggcgg ttgctttgtc tctccttcgc cggagccggc tcttcctgtt   60
agtctccgct gctagttctt ggctctggga ggcccaggtg gctctgcagc agcctctgcc   120
accctgtgac ctgcgagtat tgggacatcc ctagctgacg ccaggacacc cgggaagccg   180
aggaatggac tcggtggctt ttgaggatgt ggctgtgaac tttacccagg aggaatgggc   240
tttgctagat tcttctcaga agaatctcta cagagaagtg atgcaggaaa cctgcaggaa   300
cctggcttct gtaggaagcc aatggaaaga ccagaatatt gaagatcact tcgaaaaacc   360
tgggaaagat ataagaaatc atatcgtaca gagactgtgt gaaagtaaag aagatggtca   420
gtatggagaa gttgtcagcc aaattccaaa tcttgatctg aacgagaaca tttctactgg   480
attaaaacca tgtgaatgca gtatttgtgg aaaagtcttt gtacgtcatt ccctccttaa   540
taggcatatc ctagctcact caggatacaa accatatgga gagaagcaat ataaatgtga   600
acagtgtggg aaattcttcg tttctgttcc aggtgttaga agacacatga taatgcacag   660
tggaaatcca gcttataaat gtacgatatg tgggaaagct ttttatttc tcaattcagt   720
tgaaagacat cagagaactc acacaggaga aaaaccctat aaatgtaaac aatgtggtaa   780
agcattcact gtttccggtt cttgtctaat acatgaacga actcacactg gagagaaacc   840
ctacgaatgt aaggaatgtg ggaaaacatt cagattttct tgttctttta agacgcatga   900
aaggactcac actggagaaa gaccctataa atgtaccaaa tgtgataaag ccttcagctg   960
ttccacttcc cttcgttacc atggaagcat tcatactgga gagagaccct atgagtgtaa 1020
acaatgtggc aaagccttta gtcgtttgag ttccctttgt aaccatagaa gtactcatac 1080
cggagagaaa ccctatgaat gtaaacaatg tgatcaagcc ttcagtcgcc tcagttccct 1140
tcacctccac gaaagaattc atactggaga aaaaccctat gaatgtaaga aatgcggtaa 1200
agcctacact cgttccagtc accttactcg ccatgaaaga agtcatgata tagaggctgg 1260
gtgtagtgac tcagcctata atcccaactt actgggatta caggcatttg ccactgtgcc 1320
cagcccattt caatattttt gatcaataaa tgtgcctgtc cttcaaaaaa aaaa   1374

7868

<210> 9622
<211> 1015
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (787)...(1010)
<223> similar to gi3402485 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9622
```
tttttttttt ttttaaacac acaactttcc aaatcttgga tgcatttttt acagcagtaa      60
accttgggtg dacaaagata ctataatctc aaatgactta ccactggcat gcagaaagtt     120
aacatatcag gctacttcct ccaagaggct ttcattgaca cccccagcct gagctgtctc     180
tcatataatt gtttagcatc cagtacttcc tctcatcata actattatat tgtaactaag     240
ttacttgttt gtatctccct ctgaactgtt tcttgactga aataaatatg tcaactgttt     300
gaatactttc ttcacccgta agtcagtact tcattttttct aaaccaaagc atagaagagc     360
tgggaagcaa ttaaggcgca gtaatctaga ggtcatatta tgcaagggat atgctgtggc     420
tattagcaac agattccatt ggcttatgag gcactgcctg aagcttccag ggaaacatac     480
aggggaaaca gtccagagga ttcaggatgg tctggtacga ctctggacta gctctatttg     540
gaaggtccag tccctacact gaccccagaa tgacaccata atgcagccct ctctgacata     600
tttgtaactc tgcttgccac ataatcagta tcctcatctc ttagcacatg gtaataacat     660
tgtctttaac ataaaagtgt acctatttgc agtcactacc tctatcacca ccaccagcag     720
agcctgagct gaggaaacca cggttctcaa tacccagcac acccacttcc aactatctgt     780
taaaacatgg tggattacta tgaagttcta ggactgcaaa gatatgcttc acctgaggac     840
attaaaaaag cttatcataa agtggcactt aaatggcacc ctgataaaaa tccagaaaat     900
aaagaagaag cagagagaaa attcaaagaa gtagctgagg catacgaggt attatcaaat     960
gatgagaaac gggacattta tgataaatat ggcacagaag gattaaacga attcc         1015
```


<210> 9623
<211> 446
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (97)...(447)
<223> similar to gi4754905 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9623
```
ggaattcgga agaggctgca tggcgcggta gtcccccgag tggaggtcgg ctgcccctgg      60
gaaaccagag agtcggaggg agtccatctg gagcggccaa cttctcctct taagaacaat     120
```

```
gatgaaggct cactggacat atacgctggg ttggacagtg ctgtttctga cagcgcttcc      180
aaatcctgtg taccatcaag aaattgtttg gacttatatg aagagatcct gactgaagaa      240
ggaactgcaa aggaggcaac atataatgat ttgcaagtag aatatggaaa atgtcaacta      300
caaatgaaag agctgatgaa aaaatttaaa gaaatacaga cacagaattt cagcttaata      360
aacgaaaacc agtctcttaa gaagaatatt tcagcactta tcaaaactgc cagagtggaa      420
ataaaccgca aggatgaaga aataag                                           446
```

<210> 9624
<211> 539
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (200)...(508)
<223> similar to gi951231 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9624
```
aaagcacacc agtgataata ttcactcagc atcattatat acccgttgga atgggatctg       60
ccgagatgat gggaatatca agtctgatgt cttcatgacc cagttctctg ccctgcagac      120
agctcgatct gttcgaacaa gacggttggc agctgcagag gaaaatattg aagtggctcg      180
ggcagcccgc ctagcccaga tcttcaaaga aatttgtgat ggtatcatct cttataaaga      240
ttcttcccgg caagcactgg cagctccact tttgaacctt cccccaaaga aaaagaatgc      300
tgattattat gagaagatct ctgatcccct agatcttatc accatagaga agcagatcct      360
cactggttac tataagacag tggaagcttt tgatgctgac atgctcaaag tctttcggaa      420
tgctgagaag tactatgggc gtaaatcccc agttgggaga gatgtttgtc gtctacgaaa      480
ggcctattac aatgcccggc atgaggcatc agcccagatt gatgagattg tgggagaga      539
```

<210> 9625
<211> 987
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (859)...(979)
<223> similar to gi1911723 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9625
```
tttttttttt ttaaggtgaa atcacctatg ttttattata aaaaacatgt gacacttata       60
ataaaaccca gtaaggagca catacaattt gccctgggtt cccattttct gagcgatctg      120
```

```
tgtttgcttg gggtggaggc accgggaggt gtggccacgt ggcttcataa agctcagctg      180
cggttctccg tggccacagt gactctgctc cgggtaccca gtccccgact ccttggcctc      240
ccaggggcca tcccgggggt ctcggaaggc acagcctcgg ttagctttga cttcttggtg      300
tggctgaaac tcagcctgta caggagagct gccattgctg ccgcggggcc tgcccaggtg      360
tgagcacaca agctcacccg ggcccaccct gtgccctgga gggcggctct ggcggctgca      420
cccatgtcca agtgacaggc atcacctcct tgtgccccag agtttcctct aagtccggcc      480
aggccaccgt cccttctgat ccggataacc agcgaatact ctaattccgt taggctaaaa      540
aaaacctcac tctggtcagc ttggctccca caagtctaag ggctcagggt gtctgtccgc      600
ccctgccctt cctcctgtgc acctgaaggt gccccccatg tggccaaagc cccccttgcct     660
gaccaggcct gacacccacc gtgtcctgag ccaccctctg gaggaggcgg catgcagttt      720
catatgcgtc taacggcctc catccaacag gacaggcggg agaacggcgg acggcctggg      780
cgtgtggcag gggctgcttc cctcatttta aacgcgccta cagggtcact gaggctcaca      840
cccaaggtct gtccctacag gtggtcccac ttcgacagga agttcctcag cagggtcctc      900
atgagacggt cggcccagaa gtctcgagac cggatcctga atgtcttcca cgagctgaac      960
ctgaaggatg ccatcagctc tcgtgcc                                         987
```

<210> 9626
<211> 482
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (394)...(483)
<223> similar to gi4929761 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9626
```
gcttgaaacc atcccttcca gacaaaaggt ctggatgaga gtagaggaca attttttaaa       60
tgcgaagcta tgactgctaa atgggacata ctgattttgt aacaacaaca aaaaacaaac      120
cctggcacct agggaatctc aaaggaggca aagactgatc atctttgttt ttcaatactg      180
cctttccgct cttccctaaa aacttccatg ctaccttttt aagatgctgc aagcactttg      240
aattcaaaca gcctgctgag cctgtgctca aacctatgag agcagggagt ggcctcagct      300
cctgcacttc ccacacggaa cacctccaga tgtcatccac agtcgtgagg ctgataacct      360
gatgtcatgg accaacatgg aactgactgt cttcagattc tttgtgggaa agagattcct      420
cgctggatca atcgacttgc ctacttcagc tcctgtatac cctttctaca gagttgcctc      480
cc                                                                   482
```

<210> 9627
<211> 712
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (427)...(713)

<400> 9627

```
ggtggaattc gcgggtgcct ggagccgcca gagtttccgc acccgggagg gagatgcggc    60
cggggctcag gctccttgca gttgtaattt agattcgaga agtggtttat cctttgactg   120
gaaaagaaaa gtagctgcag tattccccca gcacttgctg agagcatgcc gtatgccagg   180
ctgtgaggct cgagagacaa gcagtggaag agttgcggcc tgtttcatct ctggattgta   240
aatctgagcc tccttctggc ccctggaagg ggacagcatc accatggaat gattcctaac   300
cagcataatg ctggagccgg gagccaccaa cctgcagttt tcagaatggc cgtgttggac   360
actgatttgg atcacattct tccatcttct gttcttcctc cattctgggc taagttagta   420
gtgggatcgg ttgccattgt gtgttttgca cgcagctatg atggagactt tgtctttgat   480
gactcagaag ctattgttaa caataaggac ctccaagcag aaacgcccct gggggacctg   540
tggcatcatg acttctgggg cagtagactg agcagcaaca ccagccacaa gtcctaccgg   600
cctctcaccg tcctgacttt caggattaac tactacctct cgggaggctt ccaccccgtg   660
ggctttcacg tggtcaacat cctcctgcac agtggcatct ctgtcctcat gg          712
```

<210> 9628
<211> 819
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(820)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (35)...(344)

<400> 9628

```
cagtgtggtg gaattcaagc gacccaagga gccgagcggc tccgacgggg agtccgacgg    60
acccatcgac gtgggccaag agggccagct gagccagatg gccaggccgc tgtccacccc   120
cagctcttcg cagatgcaag ccaggaagaa acgcagaggg atcatagaga aacggcgtcg   180
agaccgcatc aacagtagcc tttctgaatt gcgacgcttg gtccccactg cctttgagaa   240
acagggctct tccaagctgg agaaagccga ggtcttgcag atgacggtgg atcacttgaa   300
aatgctccat gccactggtg ggacaggtac ccatgctctt ctctttcagg cgtcattcat   360
acaacaaata ttttgaggct gggccctggg gatatgctgg tgagcaaagt ccacacgctg   420
cccactctga ggagctcagt caatggaggg aacatttgca aagcttctct ctctcctttc   480
agcatctccc tctccacttt cagtgtctcc atttgtcgca accttttcct cagttcagct   540
ccctccagtc ttagacctgg gaggcgcttt cttctgtaac agactgttcc tatgggtccc   600
actcttgtcc aacccaggac ctcattaaga attcacctga atgagctaat tctcactggg   660
atcccaatct gacccccctt aacccaggga ggagcctggt atcctaccca ctggtctagc   720
cttctgggct actggtgggt ccttggcaga actggggtga catatcatgc tcaccacagg   780
```

tctcaggatt gtagcaggac acacattaac tcattntgt

```
        <210> 9629
        <211> 462
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (8)...(461)
        <223> similar to gi3924749 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters




        <400> 9629
ggaattccag gaggctgcca agctgtacca caccaactat gtgcggaact cgcgggccat      60
cggcgtgctg tgggccatct tcaccatctg ctttgccatc gtcaacgtgg tgtgcttcat     120
ccagccctac tggataggcg acggcgtgga cacccgcaa gccggctatt tcgggctctt     180
ccactactgc atcggcaacg gcttctcccg ggagctgacc tgcaggggca gcttcacgga     240
cttctccacg ctgccctcgg gcgccttcaa agccgcctcc ttctttatcg gcctctccat     300
gatgctcatc attgcctgca tcatttgctt taccctcttc ttcttctgca acacggccac     360
tgtgtacaag atatgtgcct ggatgcagct cacctccgct gcctgccttg tgcttggctg     420
tatgattttc cctgatggct gggactcaga tgaagtaaac cg                        462




        <210> 9630
        <211> 727
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (404)...(720)
        <223> similar to gi1644368 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters




        <400> 9630
gatgagaacc tctaaagca cgctgggtga cctcagatgg ctccgctggg actggaaggt      60
cactggagcc actggtgaaa atgatgctgt cactaccaac tcaaaaggtc acctatcagt     120
gtgccatgtg ccacctcctg gagcacacac atgtgcacac acatacactc acacgtgtgt     180
gcaggtgcac aacctccccca gaggctgcag ccaagacggg catcccacat cataggggatg    240
aatggcaggt ctgtcccgcc agctgtgtgc tctctcccac ccgaagaaag cagcagagac     300
tcagacggcg gagcctggag gagcccacgc agtctgttcc cggcacccgg tgcgtgtgaa     360
gggacttgag ggcagcgaga tggaatcagc aagagaaaac atcgaccttc aacctggaag     420
ctccgacccc aggagccagc ccatcaacct gaaccattac gccaccaaaa aaagcgtggc     480
```

```
ggagagcatg ctggacgtgg ccctgttcat gtccaacgcc atgcggctga aggcggtgct    540
ggagcaggga ccatcctctc actactacac caccctggtc accctcatca gcctctctct    600
gctcctgcag ggggtcatcg gtgtcctgct cgtggtcatt gcacggctga acctgaatga    660
ggtagaaaag cagtggcgac tcaaccagct caacaacgca gccaccatct tggtcttctt    720
cactgag                                                               727
```

```
        <400> 9631
tttttttttt tttttttaaa gctccaaaca tttattgtgt caatgataag cacacttttt     60
aaaagacaac atagaatgta tagaaacaag gggttgggga ctcatgcgca tttccacaat    120
acaggtaatt aggttggctg gtttcagaag ggccagggca tcactcatga cagcgatggt    180
ccacgggccc tctctatggg actgattcac tgttccaatg tgggtctgtt tttttgtttt    240
tacttttttat taaaaaatat aaataaaatg ggcgctgcag ggcctacggc tggaacggac    300
tctgcaggac tctgtcttcg gcacaacggc ttcttggagg ctactgtcag aaaacatcac    360
aaactagcag gatgacagac cacgctgacg tcgactgggc ggcacgcgtc caccccaccc    420
ctgggggctt caaatttct cagaacttaa gggctctcga gcttccatcc gaaaactgcc    480
acacatcttg agctctctgg gtactacgcc gaatgggggt gtgtgaagaa cccgcggggt    540
caggggactt ccgtgttcgc tttctaagta gattcttaat ccatgagtgt tctgtgcgtg    600
ttgcaagaga aaccatgcac tggtgaatgg ctgtttgcaa gttgtacatg tgtagctgct    660
gggctcatct ttacaaatac cctgcggggc atattctgca ctcatcccag gcgtggggat    720
tagagctcca tgtgcagaac gagggggagga gaggcccctc cagtgcagaa gtttatctgc    780
tatgtgttcc tgtttggggc aaattcctct agatgacgtt gataaacaat cgtcatcctc    840
tggcgtgacc tggatgccaa cctccacggg attggatgct ttttccatct cgattggtga    900
aggggaaggt ggcttatcca cagcttttc taagcagagg ctgccattgc attgtttccg    960
tttgtgctcg ataaaaataa gaatgtcccc caatgggaag ttcatctggc actgcccaca   1020
ggtgaggagg tcatgatccc cttctggagc tcccaacggg ccgtggtctg gttcatcatc   1080
tgtaagaatg gcttcaagag gctcgggcga gaattcccgt ttgcttaagt gctggggttt   1140
gccttgcttg cggcgagaca tggtgggctg cggggcgggc ggcggcggcg cggcggcgg   1200
cggcgggcgg acgacggctc ggttcacatc gggagagccg ggttagaaag aaggagactc   1260
cagagaaaat atcttcatca gtgccttttg acatccaaaa taaattagaa ataatacaaa   1320
gatggcgcag gaagatgaa ttgtgggaga gccgtcatgg ctttttttta agcaaaaaaa   1380
aaa                                                                  1383
```

<210> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1180)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (724)...(895)
<223> similar to gi4731916 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9632
```
tggtcccccc tnaaaaattt cctgtcccgt gccaacctga anttggccta atcaaccctt    60
cccccctga  ncccancccc ttttcccctc ccatccatcc aaagccggat ccccggtcct   120
ccttcctgaa aaaggaggcc agctcccaga acgctggtgc tgaagcccca tcactgcaga   180
cagtgacccc gcttatagtt cgaaggtaag ctgacaggcg tctctcactt atctgatttc   240
tggaggctga aggcagctct gagtgtctcc tcctgcacag gtactgctgc tctcttcccc   300
ggggttggaa ggaattgtat cgttgttgca tgctctttgt ggatgacatg gctgagccaa   360
gggagacgcc agagcatcct ctgaagcaga ttaaggtaag agctggagag caggaggaga   420
tgcattcacg ggtaatgtgc acaacctgtc atgttttgag tgttcggctc ctgttcctga   480
atgcataaaa cgaggcatct cagagccgaa cacccctcat ttcacccagg aggaaggtgc   540
agctcagagc tgttacgact agtcagagag agcgaggtgg ctggttcatg tttgcagata   600
gagacctcac tgtgtggtgg acttccccac ttccggctgc cttcatcctg atgggtggca   660
gccttgccct gcagtgggag acccaggtaa tgtagttttt tgttttgtat ccctgatctc   720
ttcttgcagt ttttgctggg caggaaagaa gaggaggcag tgctggttgg gggtgaatgg   780
tctccttccc tggatggcct cgacccccag gctgacccgc aggtgctggt gcgtaccgcc   840
atccgctgtg cgcaggccca gactggcatt gatttgagcg gctgtaccaa gtggtgagtg   900
ggcttcctga gcctcagctg caccaacgca ccaggttggg gaggttttgt tgggaaggcc   960
cggtccctgc ccctttctgc tggttagctc tctgcccccct agtcccgttc cttcccccctc  1020
tggtgcctca gggtagggtg gggtgtatgc caaaatctgg ctgagccacc aggctgcact  1080
tgagactccc tggagttgtc cttgcacctt gtagggtgat tgtgtggttg cggcctcccc  1140
actgactgat catttcatga ggacttggtg tgtacactt                          1179
```

<210> 9633
<211> 615
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (269)...(554)
<223> similar to gi4803678 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9633

7875

```
ggaattcatg tggtgctctg tgggcagctg ggactggccc gccgtaagca catggattat      60
tgtctgaggc tgtaatggga aagtcggttc ctgggctgct gtctcataga catcagcttg     120
cagggaagct gggggctctc cgaattgccc tgctccgggg cccctcctgc tgcgtgactc     180
acaggcacat tgcagagaga agctgccgct cccagtaagt aatgaaaaga gacatgaaga     240
attggtattt caaatgacca ccatgttgca aaagtctgac agcaatgcaa gcttcctccg     300
tgctgccaga gcaggcaacc tggacaaagt tgtggaatat ctgaaggggg gcatagacat     360
caatacctgc aatcagaatg gactcaacgc tctccatctg gctgccaagg aaggccacgt     420
ggggctggtg caggagctgc tgggaagagg gtcctctgtg gattctgcca ctaagaaggg     480
aaataccgct cttcacattg catctttggc tggacaagca gaagttgtca aagttcttgt     540
taaggaagga ggagttgcag ctgggggttgt gggggcccct tttggggggtg gggtagctag     600
acctcctttt ggggg                                                       615
```

```
        <400> 9634
tttttttttt ttgtgtttat aacaggtttt acttttttttc ttaaaatggg gatgttctta      60
ctaaatacca ttttatttca tttcttcaca gatcttctgg ttcttgatca tctataatta     120
tcaagtgtcg tatataggga acaagtattg atgttcaata tgattcaaac tattactgtt     180
ccatagtcag tggagctttt tcaatgtcca gaaagaatac tttcaatctt tatgaacagc     240
ctaggatttt gcagttgttt ctgaaggctc aaattgtcct gcttcaaatt tttctttgaa     300
ttttaagtag tctcttcttt tatcaaaata ttttatccac tgttggggac aacttgattc     360
gaaagagctt cttaacttct tgcattgaga agcatcctct aagtctcat ctaaacactt     420
ccagtactca tcccgggccc cccagcagac ctgtctttcc ttcatagatg gggctgccat     480
tcctactgcg atgaagctct ctgcccgccc acgtccggct tcctttcgat gtcgacggga     540
ggaaactgtc acgcaggcca ccaaccggcg gtggagggcg cggtgccgag tcctgccact     600
gcagggtcgc cccgctggct caagctctag aagcgtagac ctccccagcc gcaaaaagca     660
agtcacgcgg cgaaaccgcg gactcttttg acccttccga gctaccattt actttccata     720
gaggggcggg acttcctgtt tcgcttttat cttgtctcgc tcttccgccc agtctcgagt     780
gcagtggtga aacacggct tactgcagcc tcaaaatcct ggacccaaaa gatcctccca     840
cctcagcctg cctcccaggt agctgggact acaggcgcac aacaccatcg cttcttggat     900
taaaagaaaa ggatgaaacg ggccccagaa agaggcggtg acgtcccaga acccatggca     960
ggggagttgg gaaaataaat atttgta                                          987
```

<220>
<221> misc_feature
<222> (686)...(948)
<223> similar to gi5669015 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9635
aagtctgcaa atggacttga ggttttcaca ttagtataaa tgtcaatatg tagtttaggg   60
aatttgcctt attcctccat tcctagcaaa attagataca gaagcagcta attaaatcag   120
gaaaaggaaa ctgacagtaa gtcataggac ccattgtctt ctctcatgta aaagtagaag   180
ttgtgattca atctgttctg taggatttaa aagtataatg gcacattgaa gtttgacata   240
ctgaaattca ggctctgtca atttcatctc tgtaaccttt attgtttctg agtcttgagt   300
tttctcataa gggctcactc tccacctgcg caaggactgc aattcccagg ggcctccagg   360
gcacccggcc gctccagtcc agtcgtgcag gcggcgcgct ctttctcgct ccgctcaagt   420
ccaggaaccg gttcccgggc tcccagcctc tcggcagcgc ccacgcgcct gggccaaagt   480
ccgcgaacgg aagccggcgg cgaggaggat tctgggagtt ggaggccgag gctgcgacct   540
gcgcaggcgc aaacctgccc ctggggtgag ggctgtaagt ggcgcgattc gcggcagcgc   600
cccgatggaa cctcctggtc ctgtgagggg gcccttgcaa gattccagct ggtatgagcc   660
ttctgcagag ctagtgcaga ctaggatggc tgtatcacta acagcagctg aaactctggc   720
ccttcagggt acacagggac aagagaagat gatgatgatg ggaccaaagg aagaggaaca   780
gtcttgtgag tatgagacca ggctacctgg gaaccactct accagtcaag agatcttccg   840
ccaacgcttc aggcatctcc gctaccagga gactcctggt ccccgggagg ccttgagcca   900
actacgagta ctctgctgtg agtggctgag gccagagaaa cacacg   946

<210> 9636
<211> 1077
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (335)...(590)
<223> similar to gi2843123 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9636
gtgctacata ttcttcagag aattctggtg acgggctata atgtggggtt gattattgac   60
attacatggc ttccaagttt taaaataacg taagttttgt gtagtggcaa acaggttcta   120
gggctacctc tagagcttac tagctagtat ggtttacagc aattagtttt cacagcgata   180
aagggatcag tcactaaccc tcctaggaaa tatcgactgt gaaagcgcca gatactgaag   240
cagtatataa atattaaatt agaatatttt gcatgccata tagtttcaag ttgccttgaa   300
atgaatgggt tcacttttat gttcctgttc acagcgcgag tgtatctcta tccacgtggg   360
gcaggcgggt gtccagatcg gcaatgcctg ctgggaactg tactgccttg aacatggaat   420
tcagcccgat ggccaaatgc caagtgataa acccattggt ggcggggacg actccttcaa   480
cacgttcttc agtgagactg gagctggcaa gcacgtgccc agagcagtgt ttgtggacct   540
ggagcccact gtggtcggta ggtgcctggg cactggatgg cagctttcct gagagggtgg   600

```
gagagcattg gtaaagcccc gtgtgggctc ctttgaatcc tcctgctgaa aggatgggat    660
agacaggcat atgcccatgg cattgttagg agagaaactg aaaggttcgt gatcaaagtg    720
tctgtgagac tcggctccta atttaggaaa acctgaccta cagggaaaag ctgctttgcc    780
agcagtaaga tgggctgtga agagattccc tcgtgcgtgc ctcagccctg ctcaggtggc    840
cctgcctgca gggtgcagtg gcattggttc cctcccgaat gctgtgcatt ctcttatgct    900
ggtgcacgag agtcttgccc tgcatcttag gcatagaagg taagtacaga acagtcattt    960
gcttccttca gattcgcagc ctgatgtagt ttccaaggag agctacaaag aggcagcacc   1020
tttcagtggc cccccaggag atgacagcat cacctaaagc ctgggttccc gccagcg       1077
```

<210> 9637
<211> 1523
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1258)...(1440)
<223> similar to gi2660710 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9637
```
tttttttttt ttcaggaaat agaaaccaca ctaggtattt caaacagagg ggatataagt     60
tagggactga ttgtgcaggt tttgcaaggc tcagagagca aaagtggatg ttgcagaatc    120
tcagagctgg atacttgcag gaagctgcta ccacccttag ggctggagaa cccagggaag    180
ctaagaggag ggtgcaacga ggctggtgtt gggactgcca aaggaaacac agaatgacag    240
ctccatctct gcagacctca gatttgacca gggcctctgg ctgcctgggc agcctcattg    300
ccaatggggc tggaaaggtt ctgtcactgt ttcagtgggt ctgactttct gagttctgtg    360
cacaacccct gagctctgct cctctgggcc tgggccacca gtccttgtct gagtgcccca    420
ggtctggtta tgacttcagg cctcagcacc tggttgtctc ttctgcaaag aatgcattct    480
cccccagtcc acccagaaca cacagcctcc atccaggtac tggctctgag caggacagag    540
agcatgcagc aggtgctcag caatatggaa atgggaccaa acagagggag tctccacagc    600
tccccgtccc tcacagcaga agccagagcc gctgcagtgc ccagctggtc ttcatcacgt    660
ctatgagctc tgcaatcgct ctgcagtcgc ctcaactcct ggtctcctct gctccttctc    720
actgcacccg catctcccat gtttgcactg gctgttccct ctgcctggaa tgctccttgc    780
ccagttatcc cactgtcttc tttgcatctg gcacacagta gatgctcaat aaatgccttt    840
ggtgtcacat gtgcagtgtg gtgtgacagg gaggggctcg ctgggcttca gccccggcac    900
tctccacttg acctcagcag ctccaggtag agtggggaga actcagcgtc tccttctaga    960
acaggttcca ggatccaaca ctgaaatgag ggtgaggtgg ttttagcatc attttatcac   1020
tcttgattta gtttattaat catacatgat tattgattat aattgttgct gggcatcctg   1080
aggcctcaga agttcaccct ttgccctgac cccatggggg ccctgccccc gccttccggg   1140
aaggacaaac acgggaagag gtcagtgccc gagccacccc caccgccctc cctcggggcc   1200
tcattgctgc agacgctcac cccagacact cactgcaccg gagtgagcgc gaccatcatg   1260
tccatgctcg tggtctttct cttgctgtgg ggtgtcacct ggggcccagt gacagaagca   1320
gccatatttt atgagacgca gcccagcctg tgggcagagt ccgaatcact gctgaaaccc   1380
ttggccaatg tgacgctgac gtgccaggcc cgcctggaga ctccagactt ccagctgcct   1440
aattctgaat atatatatat atatatcttt tcaccataac ccaagaagaa caagttttta   1500
tagcttttat ttaaagaggt agg                                           1523
```

7878

<210> 9638
<211> 599
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (306)...(602)
<223> similar to gi3878713 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9638
tttcgtgtgc agtacagcct ctttccggca aatcacgcga gatttcgttc acccgggctc   60
cacagggtca gtgacgcgcg agcggctccc gcgactgtgg ctcccgaagc tgcttcgggc   120
cccagcggtg agggagaaga ctctcaacca gggtgacttc taggcgtcct cccggagcta   180
ccggggacac tggcgttatt gcccggaaca ctgagatagg gaatgctcga gaaacagaag   240
caggagtatt ttatacagaa atcttgtgaa accactgccc aaccagagca atgattgttc   300
aaagagtggt attgaattct cgacctggaa aaaatggtaa tccagtggca gagaatttcc   360
gaatggaaga agtctattta ccagataata ttaatgaagg acaagtacaa gttagaactc   420
tttatctttc tgtggatcct tacatgcgtt gtagaatgaa tgaagacact ggcactgatt   480
atataacacc ttggcagcta tctcaagtcg ttgatggagg aggtattgga attatagaag   540
aaagcaaaca cacaaatttg actaaaggcg attttgtgac ttctttctat tggccctgg   599

<210> 9639
<211> 473
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (60)...(461)
<223> similar to gi487785 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9639
cacctgcacc ggctgcgagg agcagggagc tcctcaaaga gctcaggaac ggacaggaca   60
tggacacagt ggtctttgaa gacgtggttg tggatttcac gctggaggag tgggccttgc   120
tgaatcctgc tcagagaaaa ctctacagag atgtcatgct ggagaccttc aagcacctgg   180
cctcagtaga taatgaggct cagcttaaag ccagtgggtc tatttctcag caggatactt   240
ctggagaaaa attatccctc aaacagaaaa tagaaaagtt cacaagaaag aatatatggg   300
cctccctttt aggaaaaaat tgggaagaac atagcgttaa agacaagcac aacaccaagg   360
agagacattt gagcagaaat ccaagggtgg agagaccatg taaaagcagt aaaggtaata   420
aacgtggaag aaccttcaga aagactcgaa attgtaatcg tcatctgcgc agg   473

7879

<210> 9640
<211> 579
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (148)...(517)
<223> similar to gi2335102 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9640
cggccttctg gggcctcaag ctctcagacg ccgaacgaca aggagcggcg ggagggcggc   60
gcagtgccgg cggcggctgc cctgggcgca gaggcggacg acgacagtgc ggacgggctg   120
tgggagctgc cggtggagcc ggccgagcgg aggcctgagt gcacccgctg cagccggcct   180
cagaaagtgt gtttgtgtcc atttctccca gcgcaccctc tgcatatctc tacccacttg   240
tacataattc agcatccagc agaggaaaac aaagtgttgc gtacagttcc tctactagca   300
gcatgcctcc cccaggacaa gtgtaaagtg aagatcggtc gtcgcttcag tgaagaaaga   360
gatcctgaac tttcaactgt ttgccggaag tctggtacat taatattata tccaggggct   420
gaagctgcta atttggaaga atttatatta gattctcctg tttatccttc tacaatcatc   480
atcattgatg gtacatggag ccaggctaag gacattttct ataagaactc cttgttccga   540
catcccaaac aggtgcaatt aaaaactagc atttctagt   579

<210> 9641
<211> 447
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (98)...(446)
<223> similar to gi313103 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9641
cttcattctc tcatccagct cctcggcctc atcggaacat ttccaccacc attactcctt   60
tggaaactgg tggcccggtt ccttcaaggg gcacaggatg tctttgcctt tttatcagag   120
gtgccaccag cactatgatc tcagctaccg caacaaggac gtgcgcagca ccgtgagtca   180
ctaccagcgg gagaagaaac gctccgccgt ctacacccag ggctccacgg cctacagcag   240
ccgctcctcc gccgcgcacc gccgggagtc cgaggccttc cgtcgggcgt ccgcctcctc   300
ctcccagcag caggcctcgc agcacgccct gagctctgaa gtcagtcgga aggcagcctc   360
agcctacgat tatggctcct cccatggact tacagattcc agtctgctgg tagatgatta   420
ttcatccaag ttgagcccca aaccaaa   447

7880

<210> 9642
<211> 880
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(876)
<223> similar to gi3877175 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9642
ggccggacgg acagccccac accgacatgt aaccatggac tgcaggacca aggcaaatcc   60
agacagaacc tttgacttgg tgttgaaagt gaaatgtcat gcctctgaaa atgaagatcc   120
tgtggtattg tggaaattcc cagaggactt tggagaccag gaaatactac agagtgtgcc   180
aaagttctgt tttcccttg acgttgaaag ggtgtctcag aatcaagttg gacagcactt   240
tacctttgta ctgacagaca ttgaaagtaa acagagattt ggattctgca gactgacgtc   300
aggaggcaca atttgtttat gcatccttag ttaccttccc tggtttgaag tgtattacaa   360
gcttctaaat actcttgcag attacttggc taaggaactg gaaaatgatt tgaatgaaac   420
tctcagatca ctgtataacc acccagtacc aaaggcaaat actcctgtaa atttgagtgt   480
gcattcctac ttcattgccc ctgatgtaac tggactccca acaatacccg agagtagaaa   540
tcttacagaa tattttgttg ccgtggatgt gaacaacatg ctgcagctgt atgccagtat   600
gctgcatgaa aggcgcatcg tgattatctc gagcaaatta agcactttaa ctgcctgtat   660
ccatggatca gctgctcttc tatacccaat gtattggcaa cacatataca tcccagtgct   720
tcctccacac ctgctggact actgctgtgc cccaatgcca tacctgattg gaatacactc   780
cagcctcata gagagagtga aaaacaaatc attggaagat gttgttatgt taaatgttga   840
tacaaacaca ttagaatcac catttagtga cttgaacaag   880

<210> 9643
<211> 1227
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (161)...(659)
<223> similar to gi3150473 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9643
ctgtggaatt cggacgaggg cgcccgttgt cacggccccg ggcggagctc tgctgcgggc   60
gggcgctgga cggctgcttc ggggaggcgt ccaggagcta ctgcggccgc gacatgaagg   120
gaacgcccct gacctggcct gcaacttcag cctttctcaa aatcggggca cggtcatcgt   180

7881

```
ggagcgctgg tggaaggtac cgctggccgg ggagggccgg aagccgcgcc tgcaccggcg    240
acatcgcgtc tataagctgg tggaggacac gaagcatcgg cccaaagaaa acctggagct    300
catcctgacg cagtcggtgg agaatgttgg agtccggggt gacctggtct cagtgaagaa    360
atctttaggc cggaatcgac tccttcctca gggactggct gtatatgcat cccctgaaaa    420
caagaagctg tttgaagagg agaaattgct gagacaagaa ggaaaattag agaagatcca    480
gaccaaggca ggtgaggcga cagtgaaatt tctaaaaagc tgtcgcctgg aggtagggat    540
gaagaacaat gtcaaatggg agctgaaccc tgaaatagtt gcccgccact tctttaagaa    600
tcttggtgtt gtggttgccc cacatacatt aaagttacca gcagagccta tcacacggtg    660
gggcgagtat tggtgtgagg tgacggtaaa tgggcttgat actgtgagag tgcctatgtc    720
tgtcgtgaac tttgagaagc ccaagaccaa aagatataag tactggttag cccagcaagc    780
tgccaaggct atggcccccca ccagcccccca gatctaaatc tactctccct ccaaggcagc    840
aaagcagaat cgggagcagt ggagcagaaa tgtgcaagca ccctgatctc actcccagct    900
ctgaccaaat acagaatttt agagaacatc tgaagacatc agactgcact gcgtatacat    960
gttgaattct tcatttttgc catctttaac tgtcatcact ggggcaggga agtcctgttc   1020
cagaagtacc aggctgtaga tttgataagc tagatgcagt agaccgaaac catccaaaac   1080
ctgtttagct tcttcctcca ttggagttta ttgggacaaa caggagagcc agccattgtc   1140
tccagtactt gcctcattct catcatccaa actgaacatt tgtatcccaa gcagaaataa   1200
agagaatatg ttcttttttaa aaaaaaa                                        1227
```

<210> 9644
<211> 629
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (244)...(630)
<223> similar to gi156308 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9644
```
tttcgtggaa agagtacttt cttactacaa ggatgggacg ataggagcga tatttctagt     60
ctaagggaaa acgctggccg agtgtggtgg ctcacgcctg taatcccagc acttcgggag    120
gccgaggtgg gtggatcacc tgaggccggg agtttgagac cagcctgggc aacaagataa    180
gtttatacca tggatagcac aaaggagaag tgtgacagtt accaagatga tcttctgctt    240
acgatgggac ttaatgataa taaagcagga atggaaggat tagataaaga gaaaattaac    300
aaaattatta tggaagccac gaaggggtcc agattttatg gaaatgagct caagaaagaa    360
aagcaagtca accaacgaat tgaaaatatg atgcaacaaa aagctcaaat caccagccaa    420
cagctaataa aagcacaatt acaggttgac agatttgcaa tggaattaga acaaagccga    480
aatttgagca ataccatagt gcacattgac atggatgctt tctatgcagc tgtagaaatg    540
agggacaatc cagaattgaa ggataaaccc attgctgtag gatcaatgag tatgctgtct    600
acttcaaatt accatgcaag gagatttgg                                        629
```

<210> 9645
<211> 480
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(481)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (115)...(481)
<223> similar to gi3342002 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9645
gatataagaa gcgaaangaa ttcgatgacc ttagatcagc gtcgtggaat tccgccgcca   60
cagcctcttg ccctctgacc tgcaggtatc aggagatcca tagctaagca gactggacac   120
ccgggaagct gggaaacggg actgtggata ttcagggatg cggccataga attctctccg   180
gaggagtgga gctatctgga ccctgctcag cagaatctgt atagggacgg gatgttagaa   240
aactacagaa acctggtctc cctgggtatt gctgtctcta agccagacct gatcacctgt   300
ctagagcaaa ggaatgagcc ctggaatgtg aagaaacatg agacagtagc cagacaccca   360
gctgtttctt ctcatttcac ccaagacctc ttgccagagc atggtataaa agattcattt   420
caaaaagtga tactgagaag atatggaagc tatggcattg agaatttaca attaaagaag   480

<210> 9646
<211> 1203
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (417)...(1074)
<223> similar to gi769855 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9646
gagtctccta cacgcagtca acacttgcca cgagcggcta gacttaggac aggcaagttg   60
ccctgccatc cttctatcgc ccccacccct cctttactta agggcgatgg cagagacgtc   120
ctcctccccc ttctcctcct ctttggtgcc tccagccagg aggcgggagc gatccacagc   180
agctgaccca gctcaggcac tgcctctctc acagccctca agacacacca tgggcccaga   240
ggcaggtttg ctacacagca gcgacgacgc aggcggcggc cccagcgact cgcaactgcc   300
tccctgacca cagcggccac cgcccaacac ccccgagaag ccatcgccac caccggcagg   360
agaacctagg gtccataaag ccatcttcgc gatcgactaa agctacgtca acaactatgg   420
cgggcgacgg gcggcgggca gaggcggtgc gggaaggatg gggtgtgtac gtcaccccca   480
gggcccccat ccgagaggga aggggccggc tcgcccctca aaatggcggc agcagcgatg   540
cgcctgcgta cagaactcct ccgtcgcgcc agggccggcg ggaagtgagg ttctcggacg   600
agccgccaga agtgtacggc gacttcgagc ccctggtggc caaagaaagg tccccggtgg   660
gaaaacgaac ccggctagaa gagttccggt ccgattctgc gaaagaggaa gtgagagaaa   720

7883

```
gcgcgtacta ccttcggtct aggcagcgga ggcagccgcg accccaggaa accgaggaaa    780
tgaagacgcg aaggactacc cgccttcagc agcagcactc agagcagcct ccgctacagc    840
cgtctcctgt tatgaccagg agagggctgc gggactctca ttcctctgaa gaggatgaag    900
catcttccca aactgattta agccaaacga tctcaaagaa aactgtcagg agcatacaag    960
aggctccagc agtgagtgaa gatcttgtaa tcaggttacg tcgaccccct ctaagatacc   1020
caagatatga agccaccagt gtccaacaga aggtcaattt ctctgaagaa ggagaaactg   1080
aagaagatga tcaagacagc tctcacagca gtgtcactac tgttaaggcc agatccaggg   1140
attctgatga atctggagat aaaaccacca gatcatctag tcaatatata gaatcatttt   1200
ggc                                                                 1203
```

          <210> 9647
          <211> 435
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (1)...(436)
          <223> n = a,t,c or g

          <220>
          <221> misc_feature
          <222> (214)...(436)
          <223> similar to gi1710216 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters

          <400> 9647

```
tttttttttt caattattta taaaacttta atgagggaga ggccctaact cttcctcagc     60
tctaccaact actgaaagga aaagctggtg ctggggagcc ctccacacca ctgactgatg    120
aatttcagca cgtcctggca cactgggctg tgggaggtct gtgagcaaat ggaagaacat    180
gagaggaact tgttaatgct ggaaatacaa aatcagctcc atcgcaggct tcagggtctg    240
catctgcctt cctgtaatcc cacccatctt tntagtgtgt atgtgggttt tttgtttgtt    300
ttgagacaaa gtcttgcttt gtcgcccagg ctggagtgca gtggcacaat ctcagctcac    360
tgcaagctct gcctcccggg ttcaagcaat tctcctgcct cagcctcctc agtagctggc    420
attataggcg cgtgc                                                    435
```

          <210> 9648
          <211> 1616
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (855)...(1619)
          <223> similar to gi1049088 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters

<400> 9648

```
aaagtatagg tcttaaagct atggaacttg atgggggcca aagaatgtac tattttttaag    60
taatgtggta ttgtaccaca aagtagatct aaataagctt tatgctgtat ttgaactaat   120
tggggcatgt tattgggagg aggttggggg gattttttggt tatgttaaat gtttgatgtt   180
taaattgttg catgttgaat tcaaactttt taacaagtcc ttgatgtttc aatttgaaag   240
tgaccaatgg ggctgaggct gtgtccactg aggctaagat gactgccttt cctgattggc   300
cttggctttt ccatacattg tgtgacccctt gccctatgac cctttggctg accttaccgg   360
aagccatgac gacagcagcc ttttgccatt agacgcaggg tgatggtgag gattccaagg   420
gttagacaaa actggttaat ctgaactagg tgactgttac cttgcgtgtt ttgtggccaa   480
accaccacca aaaacctcac actgtgatgt aagtacttag tgtaaaacta gtaaacattt   540
ttgtaaaatg tagaaatgca tgtaatcagt taagtttttat attttacaat gttctgtaaa   600
ataaaactta gcgaggtaaa tcgagtaaag gagcagtcac tctctaacag attgtaggag   660
aggtttagtt ggatttagtc tatttgactt gcccttaatt taattttatg gcaaatcaca   720
aatgtgtcga aggtttagca atataatagc aaagtcctac tccagtaaat aaaagttgat   780
atgtttgtac taactttcaa agacattatg cgttttttatc attacaaggc atctaattgt   840
tcccttcatg tgataaaggt ggtggaggtg gatacagcag tcggagaaca tctggcagag   900
acaaatacgg accacctgtt cgtacagaat acaggcttat tgtagaaaat ctttctagtc   960
ggtgcagttg gcaagattta aaggatttta tgcgacaagc aggtgaagta acctatgcgg  1020
atgcccacaa ggaacgaaca aatgagggtg taattgagtt tcgctcctac tctgacatga  1080
agcgtgcttt ggacaaactg gatggcacag aaataaatgg cagaaatatt aggcttattg  1140
aagataagcc acgcacaagc cataggcgat cttactctgg aagcagatcc aggtctcgat  1200
ctagaagacg gtcacgaagt aggagtcgca ggagcagccg cagtagatct cgaagtatct  1260
caaaaagtcg ctcccgttcc aggtcgcgga gcaaaggtcg atcacgttct cgatcaaaag  1320
gcaggaaatc tagatcaaag agcaaatcta agcccaagtc tgatcggggc tcccattcac  1380
attctcgaag cagatctaag gatgagtatg agaaatctcg aagcaggtct cggtcccgat  1440
cccccaaaga aaatggaaag ggtgatataa agtcaaaatc cagatcaagg agccagtccc  1500
gttccaattc gccgctacct gttccaccct caaaggcccg ttctgtgtcc cctccaccaa  1560
aaagagctac ttcaagatcc cgttctagat ctcgctcaaa gtcaagatca aggtcc      1616
```

<210> 9649
<211> 675
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (248)...(515)
<223> similar to gi2459803 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9649

```
ggaattcaag atgatgacct gagctgaggg ttcaggaagc tcggctggca ttggccagct    60
tgagttgttg ggggcgatgt tctgggcaag ggaacagctt gaacaaaggc ctagaggtgt   120
ggacaacttg gcttagtcca gaagccacag ccccagcact taaaggcctg gagatgctgt   180
ggtaaagaag ggggcttagg tacagttgcc cctcgaagcc ccctgcctgt ctctgctgtc   240
ctgcagggac cacagtggag ggaaccgtga cctcagccgg cggcaccggg actgtcgggt   300
```

```
gtacgggagc cctcaggacg gcatcccta cctcacccat ccctgtgtc atcaagatgt    360
ggtcagcgtg ggacggcttc agatccgggc cctggctaca cctggccaca cacaaggcca    420
tctggtctac ctactggatg gggagccta caagggtccc tcctgcctct tctcagggga    480
cctgctcttc ctctctggct gtggtgagtt tccccgaaag agagaggagc tgggagagga    540
gggagagaca gaagtcaggg cagccacagt cccatggaga gcactgaagc cttagtttta    600
gcacagatgt tgccgtggca gttacttcca tctgtgttac tcagattggt tttaatcctt    660
gagacttccc ttggg                                                     675
```


```
<210> 9650
<211> 898
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (184)...(896)
<223> similar to gi1439625 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```


```
<400> 9650
cgacgaaccg gaagagggtg aaatgctttc ggtaggcact ccacggctgt gaagatggcg     60
gcggctgcgt ggcttcaggt gttgcctgtc attcttctgc ttctgggagc tcacccgtca    120
ccactgtcgt tttcagtgc gggaccggca accgtagctg ctgccgaccg gtccaaatgg    180
cacattccga taccgtcggg gaaaaattat tttagttttg gaaagatcct cttcagaaat    240
accactatct tcctgaagtt tgatggagaa ccttgtgacc tgtctttgaa tataacctgg    300
tatctgaaaa gcgctgattg ttacaatgaa atctataact tcaaggcaga agaagtagag    360
ttgtatttgg aaaaacttaa ggaaaaaaga ggcttgtctg ggaaatatca aacatcatca    420
aaattgttcc agaactgcag tgaactcttt aaaacacaga ccttttctgg agatttatg    480
catcgactgc ctcttttagg agaaaaacag gaggctaagg agaatggaac aaaccttacc    540
tttattggag acaaaaccgc aatgcatgaa ccattgcaaa cttggcaaga tgcaccatac    600
attttttattg tacatattgg catttcatcc tcaaaggaat catcaaaaga aaattcactg    660
agtaatcttt ttaccatgac tgttgaagtg aagggtccct atgaatacct cacacttgaa    720
gactatccct tgatgatttt tttcatggtg atgtgtattg tatatgtcct gtttggtgtt    780
ctgtggctgg catggtctgc ctgctactgg agagatctcc tgagaattca gtttttggatt    840
ggtgctgtca tcttcctggg aatgcttgag aaagctgtct tctatgcggg atttcaag    898
```


```
<210> 9651
<211> 2160
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2161)
<223> n = a,t,c or g
```

<220>
<221> misc_feature
<222> (354)...(2160)
<223> similar to gi433338 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9651
catcttgcat cagcctgtgg atgtatgcct accaccgggc tccttcacca gcaaagtgga   60
aaaagaagcg tttcacaaca aattcttctt tttgggttgg ggaaacgcag tggattatag   120
ctctgttttc ttctttccaa aactgtgcac ccctggatga aacctccatc aagggagacc   180
tacaagttgc ctggggttca gtgctctaga aagttccaag gtttgtggct tgaattattc   240
taaagaagct gaaataattg aagagaagca gaggccagct gtttttgagg atcctgctcc   300
acagagaatg ctctgcaccc gttgatactc cagttccaac accatcttct gagatgatcc   360
tgattcccag aatgctcttg gtgctgttcc tgctgctgcc tatcttgagt tctgcaaaag   420
ctcaggttaa tccagctata tgccgctatc ctctgggcat gtcaggaggc cagattccag   480
atgaggacat cacagcttcc agtcagtggt cagagtccac agctgccaaa tatggaaggc   540
tggactcaga agaaggggat ggagcctggt gccctgagat tccagtggaa cctgatgacc   600
tgaaggagtt tctgcagatt gacttgcaca ccctccattt tatcactctg gtggggaccc   660
aggggcgcca tgcaggaggt catggcatcg agtttgcccc catgtacaag atcaattaca   720
gtcgggatgg cactcgctgg atctcttggc ggaaccgtca tgggaaacag gtgctggatg   780
gaaatagtaa cccctatgac attttcctaa aggacttgga gccgcccatt gtagccagat   840
ttgtccggtt cattccagtc accgaccact ccatgaatgt gtgtatgaga gtggagcttt   900
acggctgtgt ctggctagat ggcttggtgt cttacaatgc tccagctggg cagcagtttg   960
tactccctgg aggttccatc atttatctga atgattctgt ctatgatgga gctgttggat   1020
acagcatgac agaagggcta ggccaattga ccgatggtgt gtctggcctg gacgatttca   1080
cccagaccca tgaataccac gtgtggcccg gctatgacta tgtgggctgg cggaacgaga   1140
gtgccaccaa tggctacatt gagatcatgt ttgaatttga ccgcatcagg aatttcacta   1200
ccatgaaggt ccactgcaac aacatgtttg ctaaaggtgt gaagatcttt aaggaggtac   1260
agtgctactt ccgctctgaa gccagtgagt gggaacctaa tgccatttcc ttccccccttg   1320
tcctggatga cgtcaacccc agtgctcggt ttgtcacggt gcctctccac caccgaatgg   1380
ccagtgccat caagtgtcaa taccattttg cagatacctg gatgatgttc agtgagatca   1440
ccttccaatc agatgctgca atgtacaaca actctgaagc cctgcccacc tctcctatgg   1500
cacccacaac ctatgatcca atgcttaaag ttgatgacag caacactcgg atcctgattg   1560
gctgcttggt ggccatcatc tttatcctcc tggccatcat tgtcatcatc ctctggaggc   1620
agttctggca gaaaatgctg gagaaggctt ctcggaggat gctggatgat gaaatgacag   1680
tcagcctttc cctgccaagt gattctagca tgttcaacaa taaccgctcc tcatcaccta   1740
gtgaacaagg gtccaactcg acttacgatc gcatctttcc ccttcgccct gactaccagg   1800
agccatccag gctgatacga aaactcccag aatttgctcc aggggaggag gagtcaggct   1860
gcagcggtgt tgtgaagcca gtccagccca gtggccctga ggggtgccc cactatgcag   1920
aggctgacat agtgaacctc caaggagtga caggaggcaa cacatactca gtgcctgccg   1980
tcaccatgga cctgctctca gggaaaagat gtggctgtgg gagggagttt ccccagggga   2040
aactccttaa cttttccaaa ggaggaagtt tggggagtaa gggacatttt gggggaggt   2100
ttcntctttt gttgaagttg gaagggattg ggaaaatttt caaaggacaa agntttttg   2160

<210> 9652
<211> 504
<212> DNA
<213> Homo sapiens

<220>

7887

```
<221> misc_feature
<222> (1)...(505)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (246)...(507)
<223> similar to gi3925277 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


      <400> 9652
agcaggagnn cnngntttcg aaacccatcg aganccgttt gcagngngcn ggaattcgag      60
gctcagtacg gtgtgtggag ctggagcacc gtgaggaaga agcgaggttc tttttaagag     120
ttcagctgcg agatatcaaa caaagaatta ctctgtacaa agccagaaca catatatcaa     180
agtaatcctg aagtatcaga acaaaataat aggctgtaac agaggaggaa atgattttga     240
atagcctctc tctgtgttac cataataagc taatcctggc cccaatggtt cgggtaggga     300
ctcttccaat gaggctgctg gccctggatt atggagcgga cattgtttac tgtgaggagc     360
tgatcgacct caagatgatt cagtgcaaga gagttgttaa tgaggtgctc agcacagtgg     420
actttgtcgc ccctgatgat cgagttgtct tccgcacctg tgaaagagag cagaacaggg     480
tggtcttcca gatggggact tcag                                            504



      <210> 9653
      <211> 894
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (17)...(323)
      <223> similar to gi3882341 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters



      <400> 9653
cggcacgagg ttgaggcggc ggcgcgaggc agtatggttt gaagtggtga acatggattt      60
ttctcggctt cacatgtaca gtcctcccca gtgtgtgccg gagaacacgg gctacacgta     120
tgcgctcagt tccagctatt cttcagatgc tctggatttt gagacggagc acaaattgga     180
ccctgtattt gattctccac ggatgtcccg ccgtagtttg cgcctggcca cgacagcatg     240
cacccctgggg gatggtgagg ctgtgggtgc cgacagcggc accagcagcg ctgtctccct     300
gaagaaccga gcggccaggt gagcaccgct gcacttcctc tccatctgat ctctaacacc     360
agttaaaacc aagcttccat acttttggt ctgtaaagcc gcaccctgtc tcgagcttaa     420
ggatatgtgt gtgtatgtgc gtgtacagac acacaaacct gccatataaa gtggtagttt     480
gctgcaaata aagactgaaa ggaactctgg aatctgtgtg gcttgtctag tattgatgtt     540
ctgctgttct tgtttcaagt tctcttcgct ggtgcacgcc acgtgcagtg ccagcactca     600
ggtctggaag ctttgtggtc ctgtggtggg agctcagcta cagctgtcct accacatgtg     660
taaagaggaa ggaatcttac agattacaca tgctgtcgtg gacgatctcc gtgtccagtt     720
cattcttttt tctggagacg gagtctcgct cttgtcgccc agggtggaat gcagtggcac     780
gatctcagct cactgcctcc tctgtctccc gggttcaagc gattctactg cacgcagcct     840
```

```
        <210> 9654
        <211> 410
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1)...(411)
        <223> n = a,t,c or g

        <220>
        <221> misc_feature
        <222> (144)...(398)
        <223> similar to gi6002480 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters


        <400> 9654
tttctgcagg actgtaaact ggattcctgg aacctttgat attcctggct gtgtatagtg        60
cctgttggtg gactgtactg atactcaact agagtgtgaa gggactggat tcctgcccct       120
gagacacaat gcaagctgta gtgcccttga acaagatgac agccatctca ccagaacctc       180
aaactctggc ctcgactgaa caaaatgagg tcccaagagt ggttacttct ggggaacaag       240
aagctatttt aagaggaaat gctgctgatg cagagtcttt cagacagagg tttaggtggt       300
tttgttactc agaagtagct ggacccagga aagctctgag tcaactctgg gagctctgca       360
atcagtggct gagaccagac attcacacga aagaancaga ttttagagct                  410


        <210> 9655
        <211> 1179
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1)...(1180)
        <223> n = a,t,c or g

        <220>
        <221> misc_feature
        <222> (732)...(510)
        <223> similar to gi3327200 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

<400> 9655
```
tttttttttt ttatagaaaa ataagcttta tttcaaagca atctgaaaac agcagtcagg      60
gggaccacat ttacaaactg ataggaagga gcacacagtt acatgtccat ttagcaaggt     120
atcaagtcag gaatctcacc aattcctgcc caacacctac tgagtttcct cttcaggttg     180
aaactaaaaa gtagacttga acatcccagt gatgtctttg ttatccaaac atgctccaag     240
ttcaggaaag aggacacctg ggctcaactt attgagggat ttgcttaatt atttaaaaaa     300
tatttacatg agaatacagc taagttagta gctttcttca cattttcacg ttttgaaaga     360
gccacagagg tttcattcat gtttttaacca gttgagttgg taaagaccct gtctccattt     420
tgtaagagat ggattacatt caattactcc tcacgacagc caaatggaag attattctat     480
tgcttttgaa agattattcc attgcttttg aagtgctggt tggactggca tctgcaatgg     540
tagccaaata aatgagattt ctatgtaaca catgctggta ctgcacgcac tcgttcccgc     600
ggcccttgtt ctgatactcc acaatacagc ggatcagctg gtcattctcc tcaaggagcc     660
gctggatagt ctcttgattg acttccgcct tgcccctcag ccagtccggt acgaaggcca     720
ccgacatccc gaggaacctc cggaaccacg accgccaagc aactcgaccc acgataggtg     780
gggcctacgc tctcgaagtt gattggatgc tcccgcctaa tctccttcca gccagtcatc     840
catctgtggg tgcctccgtc cccagcttgg ggtgtgtccc cctgggtcgg actttggcgc     900
cccatccagg ctggcagtag gttgtgctct ttggtttgcc tatctcgggc ctcccgccca     960
gccgcgcgga ccgcagaaca tacgccccgg gcgttatcac tctgtcacgc ggagcctccc    1020
cgcctccaga cgtcagtccg gttgctaccc cggcaggaat cgagcttaga tcacgaaggc    1080
tccttctcac ctccggacgt gagaattaca ggcttggatc tcaaaccgcc gaattccnac    1140
gggctctcga tnggtctcca gttnnnnnnn ccccgcaac                           1179
```

<210> 9656
<211> 1524
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (439)...(625)
<223> similar to gi3916230 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9656
```
gttcggaaat tgcgaaacct tgcgccatct ctcgccaccg ccgccatctt tcgatatttt      60
ggccttccgc cgggccgggg gttttggact gttagaatgg agtcctcgga gctgaaccat     120
acgggctgag cccaagcaga gttttttacgg ggcccggagg cgcccccgct tcgcgggacg     180
gtgggagtca ccgtccacca cctgctcctg tcgccagggc ccgcgtcctc tccggacctg     240
aggctgctgc tgttgcgtag cgtcaactcc ttcgagaagc aggtcccaaa ccactttggc     300
cacaacatcc ccagactggt ccgaagcctc gggagttcgc cctggtcgtt gcactccagc     360
ctgtcgctgt gcagacctgg cttagaggac ccctaaggct gaggcgtcac ttccagaact     420
gagtccggtc cgcaggttct gctacgctcc agccagcccc taactggtcc ccagaagcgg     480
cgctgcgaca gggaccagga gctgctgcga actcgctctgg cgggggctcg tccttgggcg     540
cggggcttca tcatggacac gctctcggcc caggccgcga aacaagcccg cgtgactggc     600
ggaggcacag agaccaaggc cgcttaacct ggctggttgc actggtccct ggagagcact     660
gagcacaggg gctgccacag tggccggctc agacatggca gagatcagca gagaatgggc     720
aatcaggctc ccctgagatg agcagcagcg cagaggaggt gcccctctct tactacacca     780
acttcagagg gcgtcccctg caggagagct tcatgcgcct ggtggaggcc tgtggggact     840
cggagcaaag catggacaac tggctgagtc ggctggacgg ctgccgctga ctgtaacatg     900
taaagcaggc actgagcacc acctgcctgg cagtccaggg catggagagg cacagacagc     960
```
```

```
accctgcttg tgacttcact ggcccaactc atcctggacc ccttgagcaa gaccatggct    1020
ggattccagg aactggtgga gtggaagtgg atccaggaaa atgccgtgtg aagggaggac    1080
tcagatgcac tccctgtggt ctgggctcaa ccagccaaaa gagcaacaaa gactccagaa    1140
cccactctac ctcctcaatc ccttggccat ctgtggagcc ccagagcctg cggctgtggc    1200
aaggcctgtt tctgcgctgg acctgctcac ctgagcctgc agaagctgca tggggggaaga    1260
gtgtggcaaa tagtgacagg aagggagaag acagaagcct ctcagccaac tgcttcagcc    1320
gagcccctat tctaagcact ggctccttgg atagcagctg agatgttcct gaaacctctg    1380
caggcccctt aggacctttta caccttggat gagggtgcct gcaacccagg ttagccaaaa    1440
gtactgaggg tcttaagttt gaagtgtcca aagtataggg aggtctcaat aataaaagtc    1500
tccatgatca gcaaaaaaaa aaaa                                           1524
```

<210> 9657
<211> 576
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (92)...(323)
<223> similar to gi3885828 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```
       <400> 9657
cccggcgggc gccggcgcgc cccccccccca tcccacgtct cgtcgcgcgc gcgtccgctg     60
ggggcgggcg gctggcagct gtggcgccga catggctgcg ctggtggagc cgctgggggct    120
ggagcgggac gtgtcccggg cggttgagct cctcgagcgg ctccagcgca gcggggagct    180
gccgccgcag aagctgcagg ccctccagcg agttctgcag agccgcttct gctccgctat    240
ccgagaggtg tatgagcagc tttatgacac gctggacatc accggcagcg ccgagatccg    300
agcccatgcc acagccaagg tgggccccgc acccccattgc tcctggtgtc tatttaactg    360
cctagtcgaa ctcaatatct ccttcatgcc agtcatttct gtttcctccc tcatgatttt    420
tgctaaatct atgtgccacc ttactattag taaataatcg cacatttta acttaaatgt    480
catactaagg catctttagc aactgcaaat ggaaacagta tggcatggtt ggtagaaaat    540
aaccttaaca tctgtacagt gcaaaccang atactc                              576
```

<210> 9658
<211> 798
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<400> 9658

```
ggggaggagc gtgcacccct cctggccttg gtgcgcgccg cccgctaagg tactttggaa    60
gggacgcgcg ggccagacgc cgcaggacgg ccgcgatggc gctgttggcc ggcgggctct   120
ccagagggct gggctcccac ccggccgccg caggccggga cgcggtcgtc ttcgtgtggc   180
ttctgcttag cacctggtgc acagctcctg ccagggccat ccaggtgacc gtgtccaacc   240
cctaccacgt ggtgatcctc ttccagcctg tgaccctgcc ctgtacctac cagatgacct   300
cgaccccac gcaacccatc gtcatctgga agtacaagtc tttctgccgg gaccgcatcg   360
ccgatgcctt ctccccggcc agcgtcgaca accagctcaa tgcccagctg cagccggga   420
acccaggcta caacccctac gtcgagtgcc aggacagcgt gcgcaccgtc agggtcgtgg   480
ccaccaagca gggcaacgct gtgaccctgg gagattacta ccagggccgg aggattacca   540
tcaccggaaa tgctgacctg acctttgacc agacggcgtg gggggacagt ggtgtgtatt   600
actgctccgt ggtctcagcc caggacctcc aggggaacaa tgaggcctac gcagagctca   660
tcgtccttga ctggctcttc gtggttgtgg tatgcctggc tgccttcctc atcttcctcc   720
tcctgggcat ctgctggtgc cagtgctgcc cgcacacttg ctgctgctac gtcaggtgcc   780
cctgctgccc agacaagg                                                 798
```

<400> 9659

```
tttcgtagaa gagccgcgct tgcagcgtct gggagaatct ttcggtctcc gcgagaggtg    60
cttcattcca cgaaaaaagt ataattcaag ctcagatttg tgttgaaacc agcctcaagt   120
ttcacctatc ctcactgatc cgtggacttc tgtatgatca gggtgctgtc ctgagagcgc   180
tgcgggataa aggaggagcg tcctgcttcc cggctgccct gttgctgtcg gagtcacagg   240
atggcggctg tcgtcctgcc cccaactgcc gctctgtctt ccctgttccc agcctctcag   300
cgagaaggac acacagaggg cggagagctg gttaatgagc tcctgaaaag ctggctaaag   360
ggcttggtaa ccttcgagga tgtggccgtg gagttcaccc aggaggagtg ggcgttgctg   420
gaccctgccc aaaggacact gtacaggat gtgatgctgg agaactgcag gaacctggcc   480
tcactagggt gtcgtgttaa taaacccagt ctgatatccc agttggaaca agacaagaag   540
gtggtgacag aggaaagagg aattctacca agcacctgtc cagatttgga gactctactt   600
aaagccaaat ggttaactcc taagaagaat gttttcagaa aagaacagtc taaaggtgta   660
aaaacggaaa gaagtcatcg tggagtgaaa ctcaatgaat gtaatcagtg ttttaaagtc   720
ttcagcacga aatctaacct aactcagcac aagagaattc atactggaga aaaaccctat   780
gac                                                                 783
```

<210> 9660
<211> 1135
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (468)...(1123)
<223> similar to gi466999 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9660
```
cggcgccttc gcgaaacact atgctaatgg catggtgccg cggtcctgtc ttgctgtgcc     60
tgcggcaggg gctcggaacc aattcattcc tgcacggcct ggggcaggag cccttcgagg    120
gagctcggtc actgtgttgc aggtcctcgc ctagagacct gcgagatgga gaaagagagc    180
acgaggcggc acaaaggaaa gccccaggag cagagtcttg cccatctctc cctctgagca    240
tctcggacat tgggactgga tgtctttcgt cactggaaaa cctcagactg ccgacgctgc    300
gggaagagtc atcacctcga gagctcgagg actcgagcgg agaccagggc cggtgcggtc    360
ccacacacca gggatccgag gatccttcga tgctctcgca ggcccagtcc gctaccgagg    420
tcgaagagcg tcacgtctcc ccttcttgtt caacttccag agagagaccc tttcaggctg    480
gggagctgat tttagctgag actggggagg gagaaacaaa atttaagaaa ttatttaggt    540
tgaacaactt cggactctta aatagtaact ggggggcagt cccgttcggc aagatcgtgg    600
ggaagttccc cggccagata ctgaggagtt ccttcggtaa gcagtacatg ctgaggaggc    660
cagccttgga agactatgta gtattgatga aaagagggac tgccataaca ttcccaaagg    720
atattaatat gattctctca atgatggata tcaacccagg tgatactgtt ttggaagctg    780
gctcaggctc tggtggaatg agcttatttt tatccaaagc agttggatca caaggacgag    840
tcataagttt tgaggtacga aaagaccacc atgatctggc taagaagaat tacaaacact    900
ggcgtgattc atggaaatta agtcatgtag aagagtggcc agacaatgtg gattttattc    960
ataaggacat ttcaggagca accgaagaca taaaatcttt aacatttgac gcagtagctt   1020
tggatatgtt aaatcctcat gttactttgc ctgttttta cccacatctt aagcatggtg   1080
gtgtatgtcc tgtatatgta gtaaacatca cacaggttat tgaacttta gatgg        1135
```


<210> 9661
<211> 1829
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (147)...(1)
<223> similar to gi1853997 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9661
```
ccctggctat taagtttctg cagctgcata ctagccagca agtgaggggc ggggtgcagg        60
ttgaaggatg ggggtctagt gggaggggtg gttgtaggag agcctattgg agatcccgag       120
tatttagtgg gagcccctct ggccttgggg aaaaaaaaat gatttttttc tttaatagta       180
aaataatata cgtcttggaa aatccagcat acaaaataca gaaaatataa ttgagcactt       240
ttatgagcat atcgatcatt gaatcgcgag tctgcatcgc ctatctctcc gcgtctcttg       300
cgtgcgtgta ggtatataaa tggtgtatag gcttgtgggt gtgcatgcat agacagtcct       360
tcttgggtac tcataagggg gctcagaccc tcaggtgccc ctgagtctta accccacccc       420
ttcttcatcc gtcctgttcc tgaagacgac catgaaggtg actcttcatt gagagcctct       480
ggaggctggg agctttttaga gtaaggcttt gcaatgtaac cgtgaggtag ctatgatcat       540
ccttatttcc agatgtggga actaggcttc ccagaggctg atgatatgac caaggccaca       600
cagctggcaa acagtgattc caatggtctg gaggtcccta ggcctctgtt ctctcaacct       660
ggggctttca gtttcctcaa gtctgattat ctgccctctt caaggtgctg ctcagagggt       720
ctggggctca atgatgaaaa ctgggatggg tcccaagggc aggtggagta gttacatcca       780
ccagtccata gactctttgg ggcaagccct gacgatgacc atacagtggg gcagcccctt       840
acacaggatc ttctccgcct cctgaccctc ccaccccagc ccctgcagct caaggactct       900
gagcttgggc atagtgaggc aggaggagag gatttcagtg ggggagggca tttctggggt       960
gacgagggga ccctgcaggc acagactctc cagggccggc attccctcca gcacagccag      1020
gccaggggca gagaggcccc tcacggtcag ccggatcttg cgcacatctc ggaggtggcg      1080
gctgatggcc agcagggtgc tgtcggcaga cagggtgcag cccagcacct caagcctctg      1140
cagatagctg agctcctgca ggccagcatc cagccctgtc tcggtcacac ggtaggtacc      1200
acccagcacc agcgagcgca aggcccggaa gcgcgtcagg ccctgcaggt gctcgtcacg      1260
gaaggcgggg acgcggtcca gcacgatgca ttcaagcagg ggcagcacgg tggggtcctg      1320
ctgcttgtgg agccaggcca tggagatctc gcagctgtgc agctccaggg tcctcaaggt      1380
gctgggcagg ctggtgatgg gcaccatgct caggtcggcc acgtgcaggc agaggcgctt      1440
caggttgggg cacttctggc ccagggctct caacagagca ggggacaact ggggggcctg      1500
ggagccagag aacaggtagc cacccatccg cagggaatgg agccgggatg ccatgtacct      1560
tcgaaggagg tgccacatga ctttaggtcg catcgtgtag agcgtcaggt cgacatgtcg      1620
ccacagccac cggtcgtcca ccagcctctt ccagcggtga cagaccctgg agatgcggat      1680
ccggtcccgt accgggaggt aagagaagat ctcgagcagg accgagtccg gcagttcgac      1740
caaagtcgcc atgatcccgc cgacacgcac ttccgcttcc ggttaaagag acccgagggg      1800
tcctgggggc gccgaggcgg ctgacaggg                                       1829
```

<210> 9662
<211> 541
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (247)...(509)
<223> similar to gi3114596 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9662
```
gagaatgttc ttttggccac tgtgaagcct caggaagggg ctcggattgc tcaaggaccc        60
atgggagaga ggaggctttg actgggctgc ctgcctgtga ggtctctgga ctagaggtcc       120
aacgcagtcc agctgacaag gatggaatac gccatgaagt cccttagcct tctctacccc       180
aagtccctct ccaggcatgt gtcagtgcgt acctctgtgg tgacccagca gctgctgtcg       240
gagcccagcc ccaaggcccc cagggcccgg ccctgccgcg taagcacggc ggatcgaagc       300
```
```
                                7894
```

```
gtgaggaagg gcatcatggc ttacagtctt gaggacctcc tcctcaaggt ccgggacact    360
ctgatgctgg cagacaagcc cttcttcctg gtgctggagg aagatggcac aactgtagag    420
acagaagagt acttccaagc cctggcaggg gatacagtgt tcatggtcct ccagaagggg    480
cagaaatggc agcccccatc agaacagggg acaaggcacc cactgtccct ctcccataag    540
g                                                                    541
```


```
<210> 9663
<211> 496
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(485)
<223> similar to gi4512436 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```


```
<400> 9663
ccaattggat ccgatggcct actagtccag cgtggtggaa ttccgccggc ctcaggctcc     60
gtgcgcgcgc gctatcttgt gtacttccag tacgtgggca ccgactttaa cggggtcgcg    120
gccgtcaggg gcactcagcg cgccgtcggg gtccagaact acctggagga ggccgccgag    180
cggctgaatt ccgtggagcc ggtcaggttc accatctcca gccgcacgga cgccggggtc    240
cacgccctga gcaacgcggc gcacctggac gtccagcgcc gctcaggccg gccgcccttc    300
ccgcccgagg tcctggccga ggccctcaac acacacctgc ggcacccggc catcagggtc    360
ctgcgggcct tccgagtgcc cagcgacttc cacgctcgtc acgcagccac gtcccggacc    420
tacctgtacc gcctggccac tggttgtcac cggcgtgatg aactgccggt gtttgaacgc    480
aacctatgct ggacta                                                    496
```


```
<210> 9664
<211> 371
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(374)
<223> similar to gi465176 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```


```
<400> 9664
agagctctga atgtctcacc atggcctgga tccctctcct gctccccctc ctcattctct     60
gcacagtctc tgtggcctcc tatgagctgg cacagccatc ctcagtgtca gtgtctccgg    120
gacagacagc caagatcacc tgctcaggcg atgtcctggc aaaaaagtat gctcggtggt    180
```

```
tccagcagaa accgggccag gcccctgtgc tggtgattta taaagacact gaacggccct    240
cagggatccc tgagcgattc tccggctcca cctcagggac cacagtcacc ttgaccatca    300
gcggggccca ggttgaggat gaggctgact atttctgtta ttctgcgact gacaactttc    360
tttgggtgtt c                                                         371
```


```
<210> 9665
<211> 485
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (270)...(488)
<223> similar to gi5525067 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```


```
<400> 9665
tacactatgc agtgtggtgg aattcgatgg acaaagtgtg tgctgttttt ggaggctccc     60
gaggcattgg cagagctgtg gcccagttaa tggcccggaa aggctaccga ctggcggtca    120
ttgccagaaa cctggaaggg gccaaagccg ccgccggtga cctcggcgag ggcttcccat    180
tatgttgccc gtgctggacc ccaactcctg atttactggc tctagagatc ttctcgcctc    240
agtctcccaa ggacctggga ctatagacgc caggagatca tttggcattt agctgtgatg    300
ttgctaaaga acatgatgtt caaaatacat ttgaagagat ggagaaacat ttaggtcgag    360
taaatttctt ggtaaatgca gctggtatta acagggatgg tcttttagta agaacaaaaa    420
ctgaagatat ggtatctcag cttcatacta acctcttggg ttccatgctg acctgtaaag    480
ctgcc                                                                485
```


```
<210> 9666
<211> 989
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (47)...(991)
<223> similar to gi3776011 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```


```
<400> 9666
cccactgatg tccctagtcc gtgtggtgga attcgtggca gccagcagtg cccagaagac     60
cccctcccgc ctggaaaact actacatggt atgcaaggca gatgagaaat ttaatcagct    120
ggtccatttt cttcgcaatc ataagcagga gaaacacctg gtcttcttca ggtactcctc    180
tggtctctgt ggtagaggca tcagggattc agccagaatg tgcagcacct gtgcctgtgt    240
```

```
ggaatactat gggaaggctc tggaagtgct ggtgaagggc gtgaagatta tgtgcattca    300
cggaaagatg aaatataaac gcaataagat cttcatggag ttccgcaaat tgcaaagtgg    360
gattttagtg tgcactgatg tgatggcccg gggaattgat attcctgaag tcaactgggt    420
tttgcagtat gaccctccca gcaatgcaag tgccttcgtg catcgctgcg gtcgcacagc    480
tcgcattggc cacgggggca gcgctctggt gttcctcctg cccatggaag agtcatacat    540
caatttcctt gcaattaacc aaaaatgccc cctgcaggag atgaagcccc agagaaacac    600
agcggacctt ctgccaaaac tcaagtccat ggccctggct gacagagctg tgtttgaaaa    660
gggcatgaaa gcttttgtgt catatgtcca agcttatgca aagcatgaat gcaacctgat    720
tttcagatta aaggatcttg attttgccag ccttgctcga ggttttgccc tgctgaggat    780
gcccaagatg ccagaattga gagggaagca gtttccagat tttgtgcccg tggacgttaa    840
taccgacacg attccattta aagataaaat cagagaaaag cagaggcaga aactcctgga    900
gcaacaaaga agagagaaaa cagaaaatga agggagaaga aaattcataa aaaataaagc    960
ttggtcaaag cagaaggcca aaaaaaaaa                                     989
```

```
<210> 9667
<211> 1731
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1419)...(1638)
<223> similar to gi19919 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9667
tttttttttt ttgagatcat ctactcaaag tttattggac tgaacaaagg ctgaatacag     60
agatccaagc catgaggagt acatgaggtg tggtgcctat aagccagggt cggaaacttt    120
ccagacaaac ctagatagct ctactaggag ggagtcaacg acctattgta tcaattagat    180
cccagcctgg acaagggcat gactattgct gtttggggac acgtggctct gtgttgaagg    240
caatgactgt gtggctgttg ccatgtggcc tgttctcccc taagccctga accaaaggtt    300
ccaggcccag atgagaaggc cactgggaat gcatgccata ggggttgatg ctggacattc    360
cccagccttc cattaaatga aaacattttc tataaactta ctgctttaaa aaaatgtttt    420
aaccaacaaa cctaagaact gcaaatgagt ttggtatagt ataaatattg tcaaatataa    480
aattccaaga aacccatttg agactgatct gatgatctga agttctaact aatctatcaa    540
actttctaag aaaaggcata ggtcaagaaa tcttttaaa gcaaacatta ttgcttctgc    600
tatagcagag tggagatttg gctgagctgg taagaacctc agtgaaaagg tgtcttagca    660
atgaaagggc tgaatccgag attcctctag atgaaaaata aggggaatgg tcaagtaaat    720
tcctggtact ggttctttgc tgccctgtaa tcaatatggc atctcacccc cgacaaccaa    780
gccagccaca gagagaagtg gggttcccag ggaaaggggt cggctgacca ccctgacgga    840
gctggtgagc acaggtgagc tctacctcat ttgtctctca ttcctcaaag tcttctgtgg    900
tttggcttca gtgagggcaa aagaggggag actggagtga aagtgaactc tgcttttaaa    960
atgttctttt tatctaaggt gtgcagggtg tgtggatagc aagtttgagt ggtaagaaaa   1020
atcccagtcc agggtctgag ctctacctct taaaactctt cagcttaaca aagtgaccca   1080
caggaacaga catgaacatc tctacacagg gcagggccaa aggtgttccc aggatcctgc   1140
tagccaaggg acaagtcctg attgagggtc tagagctcag cagatttatg gaggcagcat   1200
gcaccctggg agcctgccca gactcctctc tggggtttcc gttttatctc tcaagctttt   1260
aagatgccaa aaggaaaagc ctttaggagg acgctaagga taacttcgtt attcttcagt   1320
tctctgctcc tcctccagct cctctttggt catcatcttc ttgtactggt ttcccctcag   1380
cttcccgggg ctgtatttga aggagaagcc ttctccgtcc tcctcctcag gcccttccga   1440
```

```
tgatggcccc ttctcaccat ccaagtcctg ctcctcttcc tgcctcgcct ccaccgcctg      1500
ctcctccgcc tccgctggcg ccgccgcggg atcccctggc ccttcgggct cccccggtcc      1560
cgcaggctcc ccgagctccc ccagccccgc gggctctcca ggctcctccg gccccgcggg      1620
cgaggccgcc ggctcggggg cgcaggggcg ggacggcgcc ggggccccgg tggcctcggc      1680
cgggggcgcg ggttccgggg gcgcgcgggc aggctccggg ctcgcggccg c              1731
```

<210> 9668
<211> 717
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (624)...(720)
<223> similar to gi4105190 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9668
```
agctctccgg gccggcgtgg gagcccgcgc tccaaagccc ggtgggggga ggggcgctca        60
cgcaaccgcc actgtctgga gcgggctcgc ctctgcggca gccctcaccg cccgggcttt       120
actgaagcgg agtctagcat gtgcggctgc tccacagcgg tgtgggtggc ggcggctcct       180
ctgcagcagc ctcggcagta ggggtcaggg tggccaagcc caccgtggag ctcatctgag       240
agttgtaagg tacgggactg cctcggtctt tgggacgccc cgtctggtag catcccagat       300
ccagcacgtt ccttccggcc ctgcaccccg gcccggtgcc tcacaccccg ctaccccaag       360
catccagact ctaaggcagc ccctgcatct cagtcctgac atcgctgtcc ctggagcatc       420
ctccgctgga gctggagctt gacagagcct tacacaggtt atctctagac ctgacaacaa       480
cccaagcaag gcaaggacta ttctctcggt ctgcagacgc tggctcagat agctggagca       540
acttcccaag gtcccacagc cagtaaggaa agacccagac ctcccaagct cccttccttt       600
attggctgcc tgtggactac caggctgtga agcttcatgg aggtatcgat atcctagtct       660
ccaatgctgc tgtcaaccct ttctttggaa gcctaatgga tgtcaccgag gaggtgt         717
```

<210> 9669
<211> 608
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (437)...(607)
<223> similar to gi2827492 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9669

```
tttcgttgaa cgagcatgaa gatttgaaat tgctccgatt ggaaggaagc ccaggttagg      60
tttgggcacc tccaaacgca cccgtttttaa agccacctgg actgaggcgt cgagctttca     120
gctccaccaa acgctcacct ggcctggcag cgagcggcgg aagagcccgg gagcccctca     180
cagagcgcac cgagccgggc ggagagctga gccgcaggca cccgcgtctc caggatgata     240
ggcgacattg caacaaatct ctacacccag cagctcaggg ggctccaagc agagcagcaa     300
gttcgaggat ccgggcgtgg agccgagtga ggccgcagcc cagcgggcct cgggcgaaaa     360
atcttggaaa atgtatacca gtcatgaaga tattgggtat gattttgaag atggccccaa     420
agacaaaaag acactgaagc cccacccaaa cattgatggc ggatgggctt ggatgatggt     480
gctctcctct ttctttgtgc acatcctcat catgggctcc cagatggccc tgggtgtcct     540
caacgtggaa tggctggaag aattccacca gagccgcggc ctgaccgcct gggtcagctc     600
cctcagcc                                                              608
```

```
<210> 9670
<211> 623
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (415)...(615)
<223> similar to gi4567179 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9670
tttcgtgaat gagtgaagca ctttaagtgg ccaagagcat gaaacccggc cggaggaggc      60
ttaccccgtt ctcccctgta tcgactgcgt agagcccagt gtgggcaaag tcctagagcc     120
cggggaagtt gcccgggcgg ggcagcctcg gctgaagcat ttcctgtcag ccctatctgg     180
aaggggcaga gcccaggaca gggctccatg tccacaggac ggcgaggagc gaagaccatg     240
gggactgagt acacagatga agacacagaa gcatagagag gataagtaat cactagcaag     300
tggaagaacc gggattcaga tccagaacag gctgactcca gagtcactgg ctgtcatgta     360
gtttcctcaa ctactgcctc agctctacaa tcccagagta aagctcttct ccaaatgaag     420
agccaggaag aggtagaggt ggcaggaatt aaactttgta aagccatgtc cctgggttca     480
gtgactttca cagatgtggc catagacttt tcccaagatg aatgggagtg gctgaatctt     540
gctcagagaa gtttgtacaa gaaggtgatg ttagaaaact acaggaacct agtttcagtg     600
ggtctttgca tttctaaacc aga                                             623
```

```
<210> 9671
<211> 712
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = a,t,c or g
```

<220>
<221> misc_feature
<222> (357)...(670)
<223> similar to gi3879100 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9671
tgtctcttgc gtgcgtgggc cggaggttag tgtgcggggc ccgccgggcg gttgaaaagt   60
ccgagagaat caggatggag gccgtggcga cggcgacggc ggcgaaggaa cccgataagg   120
gctgcataga gcctggacct gggcactggg gtgagctgag ccggacacca gtcccatcta   180
aaccccagga caaagtggaa gcagctgagg caacaccagt ggccctggac agtgacacct   240
ccggggctga aaatgcagca gtgagtgcta tgctgcacgc tgtagccgcc agccgcctgc   300
ctgtttgcag ccagcagcag ggtgaacccg acttgacaga gcatgagaaa gtggccatcc   360
tggcccagct gtaccacgag aagccactgg tgttcctgga gcgcttccgc acaggcctcc   420
gtgaggagca tctggcctgc tttggccacg tgcgtggcga ccaccgtgca gacttctact   480
gtgctgaggt ggcccggcag ggcactgccc ggccccgcac cctgcgtacc cgcctgcgta   540
accggcgcta tgctgccctg cgagagctga tccaaggggg cgagtacttc agtgatgagc   600
agatgcggtt ccgggccccc ctgctatatg agcagtacat cgggcagtat ctcacccagg   660
aggagctcag tgcccgcacc ccaacctcct gccnccgtcg acccgagaat tc   712

<210> 9672
<211> 495
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (352)...(496)
<223> similar to gi473969 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9672
gggcgaattg aaagccgtcg ccaactgaag ctatcgcaat accggccgac cataatttca   60
ggatggcgcc ttgggctcca gcgtctcccc aacccctcca tgccatgggt ccccacgcag   120
ctgaggctgg agtttggagt ttgacccgct tggaggctct ctcagcagcg ggcatatagg   180
aggaagggtc actgctgtct ccggaagccc ttggctgcaa agagagagga tcccgggtat   240
ctccctcctt acaaccaccg ccacctccta gtgccttaga agccactgac agcccccagg   300
gcaggtgagc cctgcatctg gaataaggat ccagaggtct cgttcaggac catggagagc   360
ggcaccagca gccctcagcc tccacagtta gatcccctgg atgcgtttcc ccagaagggc   420
ttggagcctg gggacatcgc ggngctagtt ctgtacttcc tctttgtcct ggctggtgga   480
ctatggtcca cagtg   495

7900

<210> 9673
<211> 913
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (705)...(910)
<223> similar to gi220645 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9673

```
cggcatgagg gagatgtggt ccgcgtcgag cttctcacgc ctacctcggg aagcgctgga      60
aactcttcca gggccctcca ggtgggccag ggcctccgaa cagcccagaa gtccgaccac     120
ggagccttcg tgccgtgccc cgcccccggc gtgcactcgg cggggaccgc cttttctcct     180
ctaggctcgc ttcgctgccc cccagcggtg gtgcggcccg gccttgggac ggactccgag     240
aaccccgagc cgggccgaaa gtgcggggtc ctgaccgcgc cgcagacggg gagccctcgc     300
tcggtcagag gaagaagagg gttaaaccta ccgagaacgt tcgctgccgc ttcctaaagt     360
gacgggcttg tggaattttc cgtttccgga gctggacccc ggtgtcccga gtgtcctccg     420
ctctggacgt gctcgtgagc tcaggagctg gcatctagga aacggggagt tcttcactcg     480
cagcgcagtc ggccgcgcca gaagaggcga gggagaatcc ggacggggcg gggcggcggg     540
ggagcgggac attcgcgtcc cggggagccc ccaggtcacc cctggattgc gaggtggctc     600
cgcctgagca gcccttcctg gtgtggtcgg ggcagctgcc cgcccggaaa atggtcaggc     660
tctagccctg gggaggaaga agcctttgcc aagagcaacc gtctacaagc cccaaaacct     720
gcgagtgtcg gaaatgtgga ctgaccacag cctgcctccc cggcttcatt caccaccaag     780
gcagcccctc tggtgacaag ccttaccgtt gtccgggtta tggcagaagc ttccgatgtg     840
gctctgatct ggttaagcac cactgggtac acaccggtga aaagccgtac tcctgccccg     900
agtgtgacca tcg                                                       913
```


<210> 9674
<211> 708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(709)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (598)...(708)
<223> similar to gi4884188 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9674

```
acgatggagg gagacgtgct ggacacactg gaggcgctgg ggtataaagg accattgtta    60
gaagagcaag cccttacaaa ggcggcagag ggtggattat cttcacctga attttcagag   120
ctctgtattt ggttaggctc tcaaataaaa tcattatgca acttggaaga aagtatcacg   180
tctgctggaa gagatgatct agagagcttc cagcttgaga taagtggctt tttaaaagaa   240
atggcatgtc catattctgt actcatatca ggagatatta aagatcgttt aaaaaagaag   300
gaggactgtt tgaaacttct attatttta agtacagaac ttcaagcttc acagatatta   360
cagaacaaga aacataaaaa ttctcaatta gataaaaata gtgaagttta tcaggaagtt   420
caagctatgt ttgatacact tggtataccc aagtcaacaa cttctgacat tccgcatatg   480
ctaaaccaag tggaatcaaa ggtgaaagat attctctcaa aggtccagaa aaatcatgtg   540
ggaaaaccac tgctgaaaat ggatttaaat tcagaacagg cggaacaact ggaaagaatc   600
aatgatgctc tttcctgtga atatgagtgc cgccgacgaa tgttaatgaa acgattagat   660
gtgactgtac agtcctttgg atggtctgat agagcanagg taaaaaca              708
```

<210> 9675
<211> 703
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (517)...(686)
<223> similar to gi5932552 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9675

```
cggccgccgg tgagtcggct ggagcgcatc tggtcctccg cgcggaaagc gctgcttttg    60
cctggccgcc ctagccgctg gctcatccaa gtggccttcg ccgctctctt gcgtcccaac   120
cagagcgctg gccacctcgc cgcccagctc acgccgcgcc cgcgctccca ggctccggcc   180
ttaaagatgg agatgacaga aatgactggt gtgtcgctga acgtggggc actggttgtc   240
gaagataatg acagtggagt cccagttgaa gagacaaaaa aacagaagct gtcggaatgc   300
agtctaacca aaggtcaaga tgggctacag aatgactttc tgtccatcag tgaagacgtg   360
cctcggcctc ctgacactgt cagtactggg aaaggtggaa agaattctga ggctcagttg   420
gaagatgagg aagaagagga ggaagatgga ctttcagagg agtgcgagga ggaggaatca   480
gagagttttg cagacatgat gaagcatgga ctcactgagg ctgacgtagg catcaccaag   540
tttgtgagtt ctcatcaagg gttctcggga atcttaaaag aaagatactc cgacttcgtt   600
gttcatgaaa taggaaaaga tggacggatc agccatttga atgacttgtc cattccagtg   660
gatgaggagg acccttcaga agacatattt acagtttga cag                    703
```

<210> 9676
<211> 1036
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (265)...(803)
<223> similar to gi5923788 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

    <400> 9676
aggggaggggga aaaaggtgtc tagctccttt ctgcttaaaa aagcacaggg agatcgcggg   60
cagctttgca gtcgctgcct tctcgcgcct gaccatgcac ccctgcatct tcctgctggg   120
ccacaggcga gcgctttatt tctggagctg agggctaaaa cttttttgac ttttcttctc   180
ctcaacatct gaatcatgcc atgtgcccag aggagctggc ttgcaaacct ttccgtggtg   240
gctcagctcc ttaactttgg ggcgctttgc tatgggagac agcctcagcc aggcccggtt   300
cgcttcccgg acaggaggca agagcatttt atcaagggcc tgccagaata ccacgtggtg   360
ggtccagtcc gagtagatgc cagtgggcat tttttgtcat atggcttgca ctatcccatc   420
acgagcagca ggaggaagag agatttggat ggctcagagg actgggtgta ctacagaatt   480
tttcacgagg agaaggacct gttttttaac ttgacggtca atcaaggatt tctttccaat   540
agctacatca tggagaagag atatgggaac ctctcccatg ttaagatgat ggcttcctct   600
gcccccctct gccatctcag tggcacggtt ctacagcagg gcaccagagt tgggacggca   660
gccctcagtg cctgccatgg actgactgga tttttccaac taccacatgg agacttttc   720
attgaacccg tgaagaagca tccactggtt gagggagggt accacccgca catcgtttac   780
aggaggcaga aagttccaga aaccaaggag ccaacctgtg gattaaaggg tattgtgact   840
cacatgtcct cctgggttga agaatctgtt ttgttctttt ggtagtttta ttaaaacatg   900
acctattctt actcaagtct cttatctcct ctgtattctt ttttttttaa tatcttcatg   960
acattcaaat ctcttctgta ttctcttgcc agaaagtgta cattcttttt gcttgtataa   1020
acccttcac ttgtca   1036

    <210> 9677
    <211> 501
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> misc_feature
    <222> (266)...(500)
    <223> similar to gi3184082 in the genepept database release 114,
        Run with FASTXY 3.3t00, default parameters

    <400> 9677
ctgtcggtct gttcagttac cacgtgaacc gccgacggag acccgtagtg ggggaggcgg   60
cggcagcgtt aagtgagaaa ggaaaaaaga caacgaggaa aaaggaggtg tccgggtagg   120
gcaacgcggc gacacccgag gcctggtggt ggcggcggat cgagatattc aaggctgaag   180
cagctacgga acggcagcgg cggcggtcgg acaaactgac tgaccgagcc gggtggtggc   240
gggagcagcg ggagcagccg gaacgatgcc ggccgtgagc ctcccgccca aggagaatgc   300
gctcttcaag cggatcttga ggtgttatga acataaacag tatagaaatg gattgaaatt   360
ctgtaaacaa atactttcta atcccaaatt tgcagagcat ggagaaacct tggctatgaa   420
aggattaaca ttgaactgtt tggggaaaaa ggaagaagct tatgaattgg ctcgtagagg   480
tttgagaaat gacttgaaga g   501

7903

```
<210> 9678
<211> 650
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (89)...(355)
<223> similar to gi4335694 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters



<400> 9678
gccgatttgc ctgttctcac gccccaccct cagacctagc cggagcaaag tttcacttat    60
agaagggaga ggagcgaaca tggcagcgcg ttggcggttt tggtgtgtct ctgtgaccat   120
ggtggtggcg ctgctcatcg tttgcgacgt tccctcagcc tctgcccaaa gaaagaagga   180
gatggtgtta tctgaaaagg ttagtcagct gatggaatgg actaacaaaa gacctgtaat   240
aagaatgaat ggagacaagt tccgtcgcct tgtgaaagcc ccaccgagaa attactccgt   300
tatcgtcatg ttcactgctc tccaactgca tagacagtgt gtcgtttgca agtatgaact   360
ccaactacgc tttaaaatta aataactcat ataacgttaa ccatttctca atcccagaag   420
ggccaagtta gtgcagtagg tacttaaata atgtgtatac cttactcagg atgtctatgg   480
tagcaatact actgctcttt tatagtcaat tcttgattat ccgtatcagt gggggaagca   540
tggataaata attgtggtag ccatcataaa agtaacttaa agatcaaaca gtcatcttat   600
aaattagtat caacttggcg gggcatgggg gctcatgcct gtaatccccg             650



<210> 9679
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(395)
<223> similar to gi3875709 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters



<400> 9679
tattgagatg ggccgtcgtc ctgctcgttg ctatcgttac tgtaagaaca agccttacat    60
caagtcccgc ttctgccgtg gagtgcccga tgccaagatt cgcatcttcg atatcggtga   120
taagaccgct agcgtcgata cttatccctt cgtggctcac cttctgtccg atgagcgtga   180
gcagctgtct tcggaggctc tggaggctgg acgtattgct gccaacaagt acttggtgaa   240
gtacggaggc aaggactcgt tccacatgag agtgcgtgct caccccttcc atgtgactcg   300
tattaacaag atgctttcgt gcgccggtgc tgatagactg cagactggta tgcgtcacgc   360
```

```
<210> 9680
<211> 899
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (290)...(844)
<223> similar to gi11042 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters



<400> 9680
ccgtcaccac tggcctgtcc caggaactca tcgcccgcca cgcatgaggt cagcgtgcgg      60
ctctgtggca cggtcctctc cccatggcaa ggattgggat catctttcat gtctgcagac     120
agcatgggcg aggctgactc gccattgctg tgagctttgt atgccgtcac gtgcacaagg     180
acgtttgcgt cagctgcttc tgtggtttga attaagacct cagcttggct tggatggggg     240
catttctaag gcgagcgctg tcttgatcct gaatgttttc tcattgaatc gcaggaagct     300
cttcgtgggc ggtcttgact ggagcacgac ccaagagact ctgcgcagct acttttccca     360
atatggagaa gtcgtagatt gtgttatcat gaaagataaa accaccaacc agtctcgagg     420
ctttgggttt gtcaaattta aagacccaaa ctgtgtgggg acggtgctgg ccagcagacc     480
gcacacgcta gatggccgaa acatcgaccc caagccatgc acaccccggg ggatgcagcc     540
ggagagaaca cggccgaagg aaggatggca gaaaggaccc aggagcgata acagtaaatc     600
aaataagata tttgtcggtg gaattcctca caattgtggt gagacagagc tcagggaata     660
cttcaagaag ttcggagtgg tcacggaggt agtcatgatc tatgacgccg agaagcagag     720
gccccgaggt tttggattta ttactttcga ggacgaacaa tcagtggacc aggctgtcaa     780
catgcatttt cacgacatca tgggcaaaaa agtggaagtt aaacgagctg agcctcggga     840
cagcaagagc caagcgccgg gacagccagg tgccagccag tggggatgc cggttgtgt      899
```

```
<210> 9681
<211> 1134
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (238)...(928)
<223> similar to gi3135319 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters



<400> 9681
tttcgtggag tgcagtgggg tgattttggc tcactgtagc ctctgcctcc caggttcaag      60
```

```
cgatacttgt  gccttagcct  cctgagtagc  tgagattaca  ggcgtgcact  accatgcccg      120
gctaattttt  gtatttttag  tagagacagg  tttttcaccat attggccagg  ctggtctcga      180
actcctggcc  tcaagtgagc  tgcctgcctc  ggccttctaa  agtgctggga  ttacaggaga      240
gggctgaacc  cccctcatcg  tgtcaagtca  atctccatga  caactttcac  tgagcctgaa      300
gtagtattcc  tgcaatcccg  tggaaatgag  gtttgccgga  agatttggtt  gggtctgttt      360
gatgctcgga  catctttagt  accagattcc  agggatcctc  agaaagtgaa  ggagtttctc      420
caggaaaaat  atgagaagaa  gagatggtat  gtcccccccag accaagtcaa  ggggcccact      480
tataccaaag  gcagtgcctc  cacccctgtg  cagggctcca  tcccagaagg  gaagcccctt      540
cggacacttc  tgggtgatcc  tgcaccgtct  ctctcagttg  ctgcctccac  ctcgagccag      600
cccgtcagtc  agtctcacgc  tcggacatcc  caggcccgga  gcactcagcc  acctccccac      660
tcctctgtca  aaaaagccag  tactgacctg  ctggctgaca  tcggtggaga  ccccctttgct     720
gcaccccaga  tggcaccagc  ttttgctgca  ttccctgcct  ttgggggcca  gacaccttcc      780
caaggaggct  ttgccaactt  tgatgccttt  agcagtggcc  ccagctcttc  tgtgtttgga      840
agcctccctc  cagctggtca  agcctcgttc  caggcccagc  caactcctgc  aggtaaactc      900
tgccccactg  gcttcctttc  tcttccaacc  gtgtccattt  gttcatgtct  ataaatcacc      960
attcatatcc  tcactatcct  aaagaactgc  tcaaagcagc  aaagcacaaa  gagaagcagc     1020
tccaggagag  gatgagcgtg  tctgacacat  tcttgtcagg  gagagggggc  tctactgttc     1080
tgctttttca  tgaaaggaaa  atgactaaaa  ttgcagcagg  agctgtgtgg  gttt           1134
```

```
        <210> 9682
        <211> 697
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (80)...(696)
        <223> similar to gi200009 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9682
tcgacgtttc  gtggaggccg  ccgcgacgct  caccggggggg cgctgtgaag  ccagctccgg       60
gcggacagag  ctggagacca  tggccaaaat  ggaggtgaaa  acctcacttc  tggacaatat      120
gattggagtt  ggggatatgg  ttcttttaga  acctctcaat  gaggagacct  tcatcaacaa      180
cctcaagaag  cgctttgacc  acagtgaaat  atacacacac  attggaagtg  tggttatatc      240
tgttaaccca  taccggtctt  tacccatttta ttcaccagag  aaagtggaag  aatacaggaa      300
cagaaatttt  tatgaactga  gccctcacat  ctttgccctt  tcggatgaag  catacagatc      360
cctacgagat  caagataagg  accaatgtat  tctcattact  ggggaaagtg  gagcaggaaa      420
aacagaggcc  agtaagcttg  tcatgtccta  tgtggcagct  gtttgtggaa  aaggagcaga      480
agttaatcaa  gttaaagaac  agctttttaca gtccaacccg  gtcctggaag  cttttggaaa      540
tgccaaaact  gtaaggaatg  acaactcctc  tagatttggc  aaatatatgg  atattgaatt      600
tgactttaaa  ggcgatccac  taggaggagt  aataagtaac  tatcttttag  agaaatctcg      660
ggttggtaaa  cagcccagag  gtgaaagaaa  cttccct                                697
```

```
        <210> 9683
        <211> 426
```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(427)
<223> similar to gi205299 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9683
tttcgtccgg cgatggcggc tgcgccggcc ttgaagcact ggcgcaccac gctggagcgg   60
gtggagaagt tcgtgtcgcc gctctacttt accgactgta acctccgcgg caggcttttt   120
ggggccagct gccctgtggc tgtgctctcc agcttcctga cgccggagag acttccctac   180
caggaggcag tccagcggga cttccgcccc gcgcaggtcg gcgacagctt cggacccaca   240
tggtggacct gctggttccg ggtggagctg accatcccag aggcatgggt gggccaggaa   300
gttcaccttt gctgggaaag tgatggagaa ggtctggtgt ggcgtgatgg agaacctgtc   360
cagggtttaa ccaaagaggg tgagaagacc agctatgtcc tgactgacag gctgggggaa   420
agagac   426

<210> 9684
<211> 1346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (722)...(1249)
<223> similar to gi1228035 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9684
aggcatcgca agaccaccgg accggaattc cgggtcgacg atttcgtccg gccgggacag   60
gaagaggctg gggaccgcgg cgaaggtggt gagtgctctt gggcgccttc tcccaacgtc   120
cctgccagac tcgcctccgg gctgattctc cagttggttt cctggactcc agagtagctg   180
tccggcctgg ccccggaggt gcaaagtaag aaaattgaag tcaaagacca tgggagatac   240
agcaaaacct tatttcgtga agcgcactaa agaccggggg actatggatg atgatgactt   300
cagaaggggt cacccccaac aagattattt aataatagat gaccatgcta aaggccatgg   360
cagtaaaatg gaaaagggcc ttcaaaaaaa gaagataaca ccaggaact atgggaatac   420
ccccagaaaa ggaccatgtg ctgtttccag caatccatat gcatttaaaa acccaatcta   480
cagtcaaccc gcttggatga atgacagcca caaagatcag agtaagagat ggctgtctga   540
tgaacatact ggtaattcag acaactggag agaattcaaa cctggaccta gaattcctgt   600
tataaaccga caaagaaaag actcctttca agaaaatgaa gatggttata ggtggcaaga   660
cacaagaggc tgcagaactg taagacgact gtttcataaa gacctaacaa gcctaaaaac   720
cacgtcagaa atggaagcag gaagtcctga aaacaagaag cagaggtcca gacctaggaa   780
gccacggaag actagaaatg aggaaaatga gcaggatgga gacttggaag gccctgtgat   840
cgatgagtct gtactttcaa cgaaggagct gctaggctta cagcaggctg aggagagact   900
gaagagagac tgcattgaca ggctaaaaag gcgaccacga aactacccta cagcaaagta   960

7907

```
cacctgcaga ctctgtgatg ttttaattga atccattgca tttgcccata agcatatcaa   1020
ggaaaagagg cacaagaaaa acattaagga gaagcaagag gaagagttgc tcactacgtt   1080
accccccacca acaccctccc agataaatgc agttggcatt gccattgaca aagtggtaca   1140
ggaatttggc ttacacaatg agaacttgga acagaggctg gaaattaaac gtatcatgga   1200
aaatgtgttc caacacaagt taccaggtat ttttctagat ttgttttttct atttaactac   1260
ctaaaagtac ctcattcatt tctcctacca atagtaattt tcatcaaata aaaatttatt   1320
taccatgtca tgaaaaaaaa aaaaaa                                         1346
```

<210> 9685
<211> 1431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (98)...(806)
<223> similar to gi3878455 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9685

```
cgacgatttc gtgcgccccc gagcgggccg ccggggcgct gcgagactgg agaagttggc     60
gaggaggcct ggagaaccca ggagtttcca agctgtgctg ccacccgagc tctggatcca    120
cctggctgtg gtggcctgtg gcaatcggct ggaggagacg ctggtcatgc tcaaatcagc    180
tgtgcttttt agccacagga agatccaatt ccacatcttc actgaagact ctctgaagcc    240
cgagtttgat aagcagttac gccagcggcc tgactcatat acaaagaagt ttgagcacag    300
aatctacccc atcacatttt ctgttggaaa ccctcaggag tggaagaaat tgttcaaacc    360
ctgtgctgcc cagagactct ttcttccggt gattttaaag gatgtggact cacttctcta    420
cgtggacacc gatgtcctct ttctgagacc tgttgatgac atctggaagc ttctgaggct    480
gtttaattcc acccagcttg cagccatggc ccctgagcac gaaatcccca agattggctg    540
gtacagccgc tttgctaggc atcctttcta tggctctgca ggagttaatt caggagtcat    600
gttaatgaat ttaactcgga taagaagtac ccagttcaag aacagcatga ttccaacagg    660
cctggcttgg gaggacatgt tgtaccctct gtaccagaag tacaagaatg ccatcacgtg    720
gggagaccag gatttattaa atattatttt ttatttcaac ccagagtgtc tctatgtatt    780
cccctgccag tggaactacc gtcccgatca ctgcatgtac ggaagcaact gcagagaggc    840
tgagcatgaa ggtgtgtctt ctgcatggaa accgaggcgt ctaccatgac gataagcaac    900
caacgttcag agcactctat gaagcaatac gggattttcc ctttcaagac aatctctttc    960
aatccatgta ttaccccctt cagctgaagt ttttggagac tgtgcacact ttatgtggac   1020
gaatcccgca agtttttctg aagcaaattg agaaacaat gaaaagggct tatgagaaac    1080
acgtcatcat ccatgttggc cccaaccaga tgcactgaat attttgtctt gttgcaagtc   1140
aattaggtgt cttgtgacca aggaaatact aatctctaag ctgcctgggt cttttttgtgt   1200
gaatatttaa tggtgctcca tgactgttga gttttaaaaa cctcgttaaa ttttgccaaa   1260
tcagttgccc ccaaaaggga atatgctttt ccttattttt ttttctaaaa tgctatttat   1320
ctctaaggaa aaaaaaaaaa gactattact catttaacat tgtttaagca ggttgagcta   1380
gctgtgaaaa tagctttgt gagccttcta attcctaaac gtctgagacc a             1431
```

<210> 9686

```
      <211> 1097
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (326)...(943)
      <223> similar to gi1326268 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters




      <400> 9686
agcggccgct cgcgcgcagc cccgcacctc cgcccctgcc tctgcctcct gggccatgcc      60
ctgctgttta catgccggtg aggtccccgg ccgctccgaa cccctccgag ccccggctcc     120
ccgagggtga agcccgccgg cccgcgaact ggactggtgg atctctcaga cctggggccc     180
cggactccga tctccgccgt ctccgccacc atcagggcgg gatccggctc tggtgttttg     240
aggaggggt gtggtgtagg gaaaggaatc ccgtccctct ccaccttttt tcgccttcgg     300
ggcttcagac tcaggaact cgctcatggc tttcttgatg aagaagaaga aattcaaatt     360
ccaaactact ttcaccctgg aggagctgac tgcggttccc ttcgtgaacg gggtcctctt     420
ctgcaaggtc cggctgctgg atggagggga ttttgtcagc ttgtcgtcaa gggaggaggt     480
acaggagaac tgtgtgcggt ggcgaaagag gttcaccttc gtgtgtaaga tgagtgctaa     540
cccggccacc ggcctgctgg acccctgtgt cttccgtgtg tctgtgcgca aggagctgaa     600
aggcgggaag gcttattcca agctgggctt cgctgacttg aacctggccg agtttgcggg     660
ctcgggctcc acggtgcgct gctgcctgct cgagggatat gacacgaaga acactcgcca     720
ggacaactcc atccttaagg tcaccattgg tatgttcctg ctctctggag atccctgctt     780
caagacgcca ccatcgactg ccaagtccat ctccatccca ggccaggatt cctccctgca     840
gctgacgtgt aagggtggtg ggaccagcag tggggggcagc agcaccaact ccctgactgg     900
gtcccggccc cccaaggctc ggcccactat tctcagctca gggctgccag aggaacccga     960
ccagaacctg tccagccctg aggaggtgtt ccactctggc cactcccgca actccagcta    1020
tgccagccag cagtccaaga tctccggcta cagcacagag cactcacgct cctccagcct    1080
ctcagacact gacgcac                                                  1097




      <210> 9687
      <211> 451
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (263)...(453)
      <223> similar to gi3687625 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters




      <400> 9687
tttcgtgtgc ctgccaaggc gcctgctcag cgactgatgc acagactgct gcagaggctg      60
ccggttttcc caacttctag agacggcttt gctcattacc aggcatcctt cccatgtagg     120
catcgagaag aaggctgagg gaccctcgca ccagatttcc atcccggaga ccgatacgag     180
tgcgtccatt cctgttgcca gctcctgcgc cctccggact aacctcaaaa accagctggt     240
```

```
ttgtaaatat ttgaatcaca ttatgggatt gctagacaga ctttcagtct tgcttggcct    300
gaagaagaag gaggttcatg ttttgtgcct tgggctagat aatagtggca aaacgacgat    360
cattaacaaa cttaaacctt caaatgctca atctcaaaat atccttccaa caataggatt    420
cagcatagag aaattcaaat catccagttt g                                   451




        <210> 9688
        <211> 424
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (136)...(419)
        <223> similar to gi5832807 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters




        <400> 9688
tttcgtggca gcagtagcgg gagcagcagc gtggacgcgg ctggcgctgg cgccatgaac     60
ccgctgtaag gcgcaggctg tgcagcacgg ggtgcggggg aggaggagga ggacgccgcg    120
gtgaagttct ccgccatgaa cctgaggggc ctcttccagg acttcaaccc gagtaaattc    180
ctcatctatg cctgtctgct gctgttctct gtgctgctgg cccttcgttt ggatggcatc    240
atacagtgga gttactgggc tgtctttgct ccaatatggc tgtggaagtt aatggtcatt    300
gttggagcct cagttggaac tggagtctgg gcacgaaatc ctcaatatcg agcagaagga    360
gaaacgtgtg tggagtttaa agccatgttg attgcagtgg gcatccactt gctcttgttg    420
atgt                                                                 424




        <210> 9689
        <211> 494
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (275)...(496)
        <223> similar to gi3123572 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters




        <400> 9689
acgtccgcat ttgtgcgccg gtgcagcagg cagtgttaac atcctggcat ttccgcagct     60
gagcggcgac ccgggcggcg cggcggtcg aggagctccc atggcaggga cgaggcggag    120
ggaaggcgaa aggggggcga ggagttaagc cagagcctcc gcggggcggg tttccgaggg    180
aggcacagag ggaaacggct ctcgcagccc gaggagggtc aggcgcggag cttgtcgccc    240
ctcccgcgca ttctgtccag cccgggctcc ggagatgcat ctgcatcagg tcctcaccgg    300
```

7910

```
ggctgtcaac cctggagaca actgctactc cgtgggcagc gtcgggggatg tcccttttcac    360
ggcatacgga tcaggctgtg atattgttat tttggcaaat gactttgaat gtgtacagat    420
cattcctggt gctaagcatg gaaacatcca agtcagctgt gtggagtgtt ctaaccaaca    480
aggaagaatt gcag                                                       494
```

```
        <210> 9690
        <211> 1537
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (230)...(522)
        <223> similar to gi5824605 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9690
        aaaccctcgg agtccgtggc tgtgcagctt gggtgtcctg tgctcggctt aggggcacag     60
        gcttgcgggc ggacctaggg acggcggagg catcgtgtcc ttcctgcagg aaggaaggag    120
        cttccggcgc tttcctggga ggctcgctgg ggccgcggag ataacctgag gtcctgcaac    180
        aggctggggg cccaaggacc atcccaggcc ttggaacagt tggtatcttt cagtcgccgc    240
        cctggagagg caggtgtttg acttcctggg ctaccagtgg gcgcccatcc tggccaactt    300
        tgtccacatc atcatcgtca tcctgggact cttcggcacc atccagtacc ggctgcgcta    360
        cgtcatggtg tacacgctgt gggcagccgt ctgggtcacc tggaacgtct tcatcatctg    420
        cttctacctg gaagtcggtg gcctcttaca ggacagcgag ctactgacct tcagcctctc    480
        ccggcatcgc tcctggtggc gtgagcgctg gccaggctgt ctgcatgagg aggtgccagc    540
        agtgggcctc ggggcccccc atggccagga cctggtgtca ggtgctggct gtgccctgga    600
        gcccagctat gtggaggccc tacacagttg cctgcagatc ctgatcgcgc ttctgggctt    660
        tgtctgtggc tgccaggtgg tcagcgtgtt tacggaggaa gaggacagct ttgatttcat    720
        tggtggattt gatccatttc ctctctacca tgtcaatgaa aagccatcca gtctcttgtc    780
        caagcaggtg tacttgcctg cgtaagtgag gaaacagctg atcctgctcc tgtggcctcc    840
        agcctcagcg accgaccagt gacaatgaca ggagctccca ggccttggga cgcgcccca    900
        cccagcaccc cccaggcggc cggcagcacc tgccctgggt tctaagtact ggacaccagc    960
        cagggcggca gggcagtgcc acggctggct gcagcgtcaa gagagtttgt aatttccttt   1020
        ctcttaaaaa aaaaaaggaa aagaaacctt ccaaaagaaa aggcaaaacc ccacatgccc   1080
        acctcctctg gcaacattgt gggtcaacag ctttggccca cagcgctgtc gtcttgatag   1140
        agggagcctg tccctcaggt gcccacctgg ggctgctgga ccctcgggct gcaaagcact   1200
        gctgctggga tgcagcctcc ccaggaagtc aatgtgaggc ccgagacccc tcaaagcggt   1260
        gagggcccct gttgaacatg gagggttcct aaccccaaac tcgtgccaga agaaccccca   1320
        ccccacccag gagctgaggc tgatggagcc ctagggtggg ggctgggctt gaccaggaac   1380
        agcagagcca ggccccaagg catagggcag ggcacatggt ggtgacgagc aggcagtact   1440
        cttgtaaagg gggctcttgg gcaaacagtc ccaaaggctc ccccaggtat catcaagttg   1500
        gtaaataaac aggaacatgg ccctcaaaaa aaaaaaa                            1537
```

```
        <210> 9691
        <211> 524
```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (316)...(519)
<223> similar to gi531523 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9691
tttcgtcgca cagccgcggc cggggcgcgc ggcgcggttc ggaaaatcct gtttacacag   60
actgcacacc gcctggggaa taatgcagta aaggaagtga gccggctcgg cctgactgct   120
ccaacttcct gctctcacac acaccagagg ggaaaaaaaa agaggagcga gagaaagaaa   180
aaaaggggga aaaatcagga tctcattaca agagccacag accgtctgca gacgcctgtc   240
agcatggaaa gtcggggggct ttcgcccggg tcctcctaga aattcccccc gaagaagact   300
cccccacatc tgggtatgga gagtgcaatc acgctgtggc agttcctgtt gcagttgctg   360
ctggatcaaa aacatgagca tttgatctgc tggacctcga acgatggtga attcaagctc   420
ctcaaagcaa aaaagtggc caagttgtgg ggactccgaa aaaacaaaac aaatatgaac   480
tatgataagc tgagcagagc cctgcgatta ctatttatga caag   524

<210> 9692
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (60)...(283)
<223> similar to gi1695155 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9692
cttcccgggt cgacgatttc gtggcggcgg cgacagagcg agcgcggcgc ggggccacca   60
tgggggccca gctcagcacg ttgggccata tggtgctctt cccagtctgg ttcctgtaca   120
gtctgctcat gaagctgttc cagcgctcca cgccagccat caccctcgag agcccggaca   180
tcaagtaccc gctgcggctc atcgaccggg aggtgagtgc cggccgccgc cgctgcctcg   240
tcagcatcac agcattgccc agcacctact ctgtgctcag ggcatggtcc tgctctgaag   300
tagatactgt tgtccaccca ttttacagat ggagaaagca aggtgatgtc tcttgctaag   360
gccaccagga agtagcagag gaatttaaac cctggtctct ctgtccacag agccccttct   420
ctgaaccaca ctcactgcct catgcaaggt cagaatggaa ggaacccctc ac   472

<210> 9693
<211> 468

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (218)...(470)
<223> similar to gi5921491 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9693
tttcgtagtc agaggcgcgg caaggaccag agctccgcgc ggcgaaatgg tgagatgctg   60
cccaccgcgc cctaaccca cggttccccg ccacgacctc cggaaggtca gagttcacat   120
ccagcggcct cgcagtagag gtggcggcaa ggggactggt ggtcagcccc cgaggctgga   180
ggagcctggc ctggggggcc tgagcaccct gagtcggaga gcccgcttca ggttgcactt   240
cccccagctg gccctgaggc ggaggctggg gcagctgagc tgcatgtcca gacccgctct   300
gaaactgcgc tcctggccct tgaccgtcct ctactacctc ctgcccttcg gcgccctcag   360
accgctcagc cgggtgggat ggaggcccgt aagcagggtg gctttgtaca agtcagtgcc   420
aacgcgcttg ctgtcacggg cctggggtcg cctcaatcag gtggagct   468

<210> 9694
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (87)...(373)
<223> similar to gi5679043 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9694
tttcgtgccc cttagcgggt gggggaagct ggtaggcacg ggcggctccg cagtgaccgg   60
actcggggga gcagataatc accagaatgg gagtgaatga cttgtggcaa attttggagc   120
ctgttaagca acacatcccc ttgcgtaatc ttggtgggaa aaccattgca gttgatctga   180
gtctctgggt gtgtgaggca cagacagtca aaaaaatgat gggcagcgtc atgaagcccc   240
acctcaggaa cttatttttt cgtatctcat atttaacaca aatggatgta aaactggtat   300
ttgttatgga aggggaacca ccaaagctga aagctgatgt cataagcaag aggaatcaga   360
ctcggtatgg gtcttctgga aaatcgtggt ctcagaaaac agggagatca ct   412

<210> 9695
<211> 493
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (257)...(483)
<223> similar to gi5824702 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9695
cggtccgaac ctcccgggtc gacgatttcg tctttgcgag agtagcgcgg gagctgagaa   60
gttgcagggt tgagttggtc ccggcaagtc cttgagcagt ttgttcctct gtcttcccgc   120
ttcctggtgc cccgactgcg tccccacgaa cgccccgtcc ttaccgccgg ctgctgtgga   180
gtgcctcgct gtctcccagg tccccgagtt cctggtttca gagaagatga ccgaagaagt   240
ggatttcctg ggacaggact ctgatggggg tagtgaggaa gtggtcctaa ctcctgcaga   300
gctcattgaa agattggagc aggcctggat gaatgaaaag tttgcccctg agctgctgga   360
gagcaagcct gagattgtag aatgtgtcat ggaacagctg gagcacatgg aagaaaatct   420
caggagagcc aaaagggagg acctgaaggt cagcatccac caaatggaga tggagaggat   480
ccgctacgtc ctc   493

<210> 9696
<211> 771
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (267)...(417)
<223> similar to gi2618768 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9696
tttcgtctga ggagctgacc cgcgcctacc agggctgggc ggaggcgggg ccgggcttca   60
ggacagaggc caatcgctgc cctccgggcc cccagcgccg gctttgggca gaggcagcca   120
gggcgccgga agaggcctgg aaatccacgc ggcttcccaa agacggcgcc tctgttctgc   180
gggttcgtga cgaggattta tttccaccca ctgcgcctgg gcgcaggtct gcgggtccgc   240
gcccactgcg tgcggcgcca cggaccatgt cggtgactga tcaggctttt gtcacactgg   300
ccacagatga catctactgc cagggcgccc tggtcctggg gcagtcactg aggagacaca   360
ggctgacgag gaagctggtg gtgttgatca ctcctcaggt gtccagcctg ctcagtctct   420
ccaaaaggtg caagatatca tccagccact tggactgaga gctcatccca atccagttcc   480
tgatcagatg gggccctgcc actcgttcca gccaggtgac ctggtgttcg ttaaaaagtt   540
ccagaaagaa ggactcctgc ttagaaaaga cctcatactg tcatccttac caccccaatg   600
gctctaaaag tagaaaggaa tgcttacatt catgacaccc cctagtacaa agcatgttta   660
actgtaatct atgactaact accctaatta ctggattggc agaacccttt ttctccttct   720
cttgtttagt cttccaacca ttatatatta aaattagttt cttaaatttg t   771

7914

<210> 9697
<211> 580
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (289)...(572)
<223> similar to gi2463632 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

        <400> 9697
tttcgtgaac tagctcagct ccgagctcgc ggaaccacgc ccccgggaga ctctggcccg   60
gccagcgcgg gccaggtctt cagtcctata tcgccctgcc ttgggaaaag gtgcaggggc   120
ctctcgccgc ctcgtcgggc ccttcctctc tacctgcctc tccaacccct ctcggccccg   180
agccacccgg cagcgggggt gggtgtgcag aggtgcggcg tccagaaccc ggctcctgca   240
gaggctctgg gtggcagcag ccctgttacc gcttagatgg cgcgcaggac agagcccccc   300
gacgggggct ggggatgggt ggtggtgctc tcagcgttct tccagtcggc gcttgtgttt   360
ggggtgctcc gctcctttgg ggtcttcttc gtggagtttg tggcggcgtt tgaggagcag   420
gcagcgcgcg tctcctggat cgcctccata ggaatcgcgg tgcagcagtt tgggagcccg   480
gtaggcagtg ccctgagcac gaagttcggg cccaggcccg tggtgatgac tggaggcatc   540
ttggctgcgc tggggatgct gctcgcctct aaaaaaaaaa   580

        <210> 9698
        <211> 662
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (260)...(400)
        <223> similar to gi2689441 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

        <400> 9698
tttcgtctcg tggcggtcat tttggcctct gtcctgtttg tccagcccgc cagtttctgc   60
agtggaggtc gcgactgagg gacgggacag agaagtcgcg aaagtgggcc agaggttctg   120
cgacaccacc tcgggtgagc tgcgccaggc ccgggatagg gactgttgtg ttcgaatgcc   180
cgccccggtc ggccgccgct ccccgcctag tccacggagc tcaatggcgg cagtcgcgct   240
gagggactcg gctcagggta tgacctttga ggatgtggcc atttatttct cccaagaaga   300
gtgggagctc cttgatgagt ctcagaggtt cctgtactgc gatgtgatgc tggagaactt   360
tgcacatgta acatccctgg atcaagccac caatatctga gagagaaatg ctggcttcag   420
gagagctcaa gtcagaggat cccagcaggg attttatacc cttctggggt aacacagttg   480
agccagagtg cctacctaat cacgtatgcc aaccagaaac catcagcagt caaacttgcc   540
ctccatattg tcatgggatc ttccagatgt aaacaataa taataaagct cactgcattt   600
aaatgtcaaa aaaaaaaaaa gggggggggcc ctttaaaaag aaccaatttt aaggcccggg   660

<210> 9699
<211> 918
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (55)...(907)
<223> similar to gi2564328 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9699
```
tcccgggtcg acgatttcgt cgggcgcgga cgcggaaccc ggcgcggcgg cggcacgatg      60
gtcatggcgt atttcgtcga gaatttttgg ggggaaaaaa atagtggctt tgatgtcctc     120
taccataata tgaaacatgg acagatatca acaaaagaac tagcagattt tgtaagggaa     180
cgagctacca tagaggaggc atactccagg tcaatgacaa aactagcaaa atctgcaagc     240
aattattcac aacttggaac atttgcacca gtatgggatg tattcaaaac atctacagag     300
aaattagcaa attgtcactt ggatcttgtt agaaaattac aagaattaat aaaggaagtt     360
cagaagtatg gagaagaaca agtaaagtct cataaaaaga ctaaagaaga agttgcagga     420
actctggaag ctgtccaaac cattcagagc ataactcagg ccctccagaa atccaaggaa     480
aattacaatg ccaagtgtgt agaacaggag cgtttgaaaa aggaaggagc tacacaaaga     540
gaaatagaaa aggcagctgt taaatctaag aaagctacag atacctataa actctatgtg     600
gaaaaatatg cattagcaaa agctgatttc gaacagaaaa tgacagaaac agctcagaaa     660
tttcaagata ttgaagaaac tcatctcatt cacataaagg aaattatagg atccttgtca     720
aatgctataa aggaaattca tttgcagata ggccaggtcc atgaagaatt tataaataac     780
atggctaata ctacagttga aagtttgata caaaaatttg ctgagtcaaa aggcactggg     840
aaggaaagac ctggcctcat tgaatttgaa gaatgtgaca ctgctagtgc agttgaaggt     900
ataaaaccaa aaaaaaaa                                                   918
```

<210> 9700
<211> 856
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(456)
<223> similar to gi3043600 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9700

```
tttcgtgccc gccacccgg accccggtgt ctggcttccc ccgagccggg accccgcgat    60
ggccaagcgc agctcgctgt acatccgcat cgtggagggg aagaaccttc ccgccaagga   120
catcactggc agcagcgacc cctactgcat cgtgaaggtg dacaatgagc ccatcatcag   180
gacagccaca gtgtggaaga ccctgtgccc cttctggggt gaggagtacc aagtgcacct   240
gccgcccacc ttccacgctg tggctttcta cgtcatggat gaggatgccc tcagccggga   300
cgacgttatc ggaaaggtct gccttacaag ggacaccata gcctctcacc ctaagggtaa   360
gttctccctt ccctcccaca ctggtctgcc cagtccctgg cctccctccc actcggagac   420
ctcccctcta ggctccgtct ggtctcctgc tcagggaaag ccatttctac tctccccaga   480
agccggggcc acgttctgta ctcctggcct ctgttctgca gcatgttccc aagcctggtt   540
gttactgcct cttccctagg gtgaagaggg gctgctatgg gtggaatctg aggcctctgc   600
tggcagaaga aggggcctcc ttacactcta ttgctgaagc atagggaccc cttctccaaa   660
tcaggccagc tccttctgta acccatgggg tcgcctccat ctgggcccta gtactactgt   720
gtcctaagtc tgaagggttg gcctagagcc agtccaggct ggagatccct ttcaattatt   780
tctgggatgc agacattggt ttgtgttatt ggttttacaa tttttatata gtttttttaa   840
aaaaaaaggc cgggcc                                                   856
```

```
        <400> 9701
ctcgcatagc gtacgcttgc acgnaccggn ccggaattnc cggnnnncga tttcgtgtgc    60
cgaccggccg gctggccggc gccgcctcct gggaagatgg cgctgcactt ccagagtttg   120
gctgaattgg aagtgttatg tactcatctc tacatuggga ctgatcttac acaaagaata   180
gaggctgaga aagcactctt ggaacttatt gacagtccag aatgtctcag caagtgtcaa   240
ctttattag aacaaggaac aacatcctat gctcagctcc ttgcagcaac atgtctttca   300
aaacttgtca gccgagtcag tcctttacct gttgagcaga ggatggacat cagaaactac   360
attctgaatt acgtggcatc acagcccaag ctggctccct ttgtcatcca agctcttatt   420
caagtcattg ctaaaatcac taagttgggg tggtttgagg ttcagaaaga ccaatttgtc   480
ttcagagaaa ttattgctga tgtgaagaag tttctccagg gtactgtgga acactgcata   540
ataggagtaa taatcctttc tgaattgact caggaaatga acctggttga ttattctaga   600
ccttcagcaa aacacaggaa aatagctacc tcatttcgtg atacttctct caaagacgtt   660
ttagtgctag catgctctct tttaaaagag gtgtttgcca aacctttaaa tcttcaggat   720
caatgtcagc aaaatctggt aatgcaggtc ttgaaactgg tccttaactg ccttaacttt   780
gacttc                                                             786
```

<210> 9702
<211> 531
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (85)...(370)
<223> similar to gi3738164 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9702
```
ctcgacgatt tcgtggaatt tcgagtggtg ttggagcgcc ggaggctagt gggtggctga      60
cccccagcat cctcgagagc gaccatggac tccctggccg agtctcggtg gcctccgggc     120
ctggcagtca tgaagacaat agatgatttg ctgcggtgtg gaatttgctt cgagtatttc     180
aacattgcaa tgataatacc tcagtgttca cataactact gctctctctg tataagaaaa     240
tttctgtcct ataaaactca gtgtccaact tgctgtgtga ctgtcacaga gccggatctg     300
aaaaataacc gcatattaga tgaactggta aaaagcttga attttgcacg gaatcatctg     360
ctgcagtttg ctttagagtc accagccaaa tctcctgctt cttcctcttc aaagaatctt     420
gctgtcaaag tatatactcc tgtagcctcc agacagtctt taaagcaagg gagcaggtta     480
atggataatt tcttgatcag agaaatgagt ggttctacat cagagttgtt g             531
```


<210> 9703
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (279)...(343)
<223> similar to gi35360 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9703
```
tttttttttt gagactgcat agggctcggc gtgggggtct tcaggtgatg gcagaggagc      60
caggcacaac agggaagtaa gaggaaagca tatgtggagg catggaagga tggaagaaac     120
agcctggaga tcctgggaaa ctgctaccag ttcagagagg ggtgtggggg gttggtggca     180
ctatgtggcg cgtctgtgcg cgacgggctc agaatgtagc cccatgggcg ggactcgagg     240
ctcggtggac ggccttgcag gaggtacccg gaactccacg agtgacctcg cgatctggcc     300
cggctcccgc tcgtcgcaac agcgtgacta cagggtattg actcatggt               349
```

```
<210> 9704
<211> 943
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (580)...(902)
<223> similar to gi2407245 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


        <400> 9704
tttcgtctgc gtaaaggagc atgagagcgt gggagttttg cagtggccgt ggcgttcttc      60
gtcgcgtctc ggtcgggcgt cgctttctgc agctcctgtc agggagcgcg aggcctgtta     120
ttaaccgcgg agcgctttgt cacgaagtcc ctgtggcgtc ttgaagaagg cattccccac     180
ccgccaaatg gcgtccatgc ccccgacgcc cgaggcccag ggaccaatac tctttgagga     240
tctggctgtg tatttttctc aagaggagtg cgtgactctg caccctgccc agaggtccct     300
cagcaaagat ggtacaaaag agtctttgga ggatgcggct ttgatggaca tccttcaaag     360
ttgagccctt tttttccgct gtgagtctct acacatgtct gacactctca tgtcccacgg     420
attacagaaa gacattcctt gcaggagaac atggcttccc agtgatgtgg gaaagatgga     480
ctctgatctc cagggtagaa gtggcaacca gagtaagcca gttcgttgaa gcaaatgatg     540
gctgcagtga agagtaccga ggcacaccca tcctcaaaca aggatcccac acagggccag     600
aaatcagccc tccagggtaa cagccctgac tccgaggcct cccgtcagcg cttcaggcag     660
ttttgctacc aggaggtaac tggcccacat gaagctttta gcaaactctg ggaactctgt     720
tgtcagtggc tgaggccgaa gacccactca aaagaggaaa tcctggagct gctggttttg     780
gagcagtttc tgactatctt gccagaggac atccagacct gggtgaggga gcagcatcca     840
gaaaacggcg aggaagctgt ggctctggtt gaggatgtac agagagctcc agaaaaggcc     900
ctcacgaaca cgaatcgcca gccacgccac cttttctact gcg                       943



<210> 9705
<211> 806
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(807)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (304)...(807)
<223> similar to gi207145 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters



        <400> 9705
acgtcgagat tcgtcgtgga ctcctcccca cactgcagcg ctcgccgcgc gcgcccatcg      60
```

```
atcaggcccc ctccctctgc cgcctcggcg cagactgcta agctcagcaa gccttgcggc      120
aaaggcactt cggagccgag ttggggcagc ggaggagcgg ggacttctcg cccccagggg      180
aacgggcgcc cctgcgaaac cgtcgccagc cacgcgtcct tgccgtccga cgcccctca      240
cattggagac cccggatctc tcccgcctcc ttcgggtcgc tctccgctgt ttcctctgcc      300
accatgagga acattttcaa gaggaaccag gagcctattg tggctcctgc caccaccacc      360
gccacgatgc ccattggacc cgtggacaac tccactgaga gtggggggtgc tggggagagc      420
caggaggaca tgtttgccaa actgaaggag aagttattca atgagataaa caagattccc      480
ttaccaccct gggcactgat cgccattgct gtggttgctg ggctcctgct tctcacctgc      540
tgcttctgca tctgcaagaa atgctgctgc nnnnnnnnnn nnnnnnnnnn nnnnnnnggc      600
aaaggcatga agaatgccat gaacatgaag gacatgaaag ggggtcagct cccacaggat      660
gacgacgacg caaagacagg cctgactgag ggggaaggtg aagggggagga ggagaaagag      720
ccagagaacc tgggcaaact gcagtttttcc ctggactatg attttcaggc taatcagctt      780
actgtgggcg ttctgcaggc tgctga                                           806
```

```
        <400> 9706
tttcgtgggc ttctgaggcg tctaccttcc cagtcctagg actgatctcc aggaccagca       60
ctcttctccc agcccttagg gtcctgctcg gccaaggcct tccctgccat gcgacctgtc      120
agtgtctggc agtggagccc ctggggggctg ctgctgtgcc tgctgtgcag ttcgtgcttg      180
gggtctccgt ccccttccac gggccctgag aagaaggccg ggagccaggg gcttcggttc      240
cggctggctg gcttccccag gaagccctac gagggccgcg tggagataca gcgagctggt      300
gaatggggca ccatctgcga tgatgacttc acgctgcagg ctgcccacat cctctgccgg      360
gagctgggct tcacagaggc cacaggctgg acccacagtg ccaaatatgg ccctggaaca      420
ggccgcatct ggctggacaa cttgagctgc agtgggaccg agcagagtgt gactgaatgt      480
gcctcccggg gctggggggaa cagtgactgt acgcacgatg aggatgctgg ggtcatctgc      540
aaagaccagc gcctccctgg cttctcggac tccaatgtca ttgaggtaga gcat           594
```

<220>
<221> misc_feature
<222> (134)...(397)
<223> similar to gi1006665 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9707
tttcgtgcgc cctccaacct gctgctgccg ccgccgcgcc ccccaggctc tgtcagctac   60
ccgcgctctg agcccggggc cagattccca tggaagcgcc gcgatgttcg cccccccggct   120
gctggatttg cagaagacga aatacgcgag gttcatgaac caccgagtcc ctgcccacaa   180
gaggtaccag cccacagagt atgaacatgc ggccaactgt gccacccatg ctttctggat   240
catccccagc atcctgggca gctccaacct ctacttcctg tcggacgatg actgggagac   300
catctctgcc tggatctacg gcctcggcct ctgcggcctc ttcgtggtgt ccactgtgtt   360
tcacaccatc tcctggaaga agagccacct cagatgggga ttctgagggc caaggggtct   420
tggctggaca gaggagccca gccctgctaa cctgtaggca ggcacgatca gtccagggca   480
cggctctgng ggcactggcc cttccatgct gtgaggggct g   521

<210> 9708
<211> 552
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (210)...(555)
<223> similar to gi3327146 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9708
ccggtcgacg atttcgtgga gcatctcagg aaaggggtcc ccggactctg gggctctcag   60
cacctgcggt cgcaaaccaa cctcatgccc tgactttacc aggcgtcggg actctgactt   120
aaccggggaa tgagggactt ggtctggcgg cagatcacaa tgaggaccta gggcatctgt   180
ctgctgacgc cccctggcct gcagtgacca tggcccccccg caagaggagc caccatggcc   240
tgggcttcct gtgctgcttc ggggcagtg acatccccga aatcaacctc cgggacaacc   300
accctctgca gttcatggag ttctccagcc ccatcccgaa cgcagaggag ctcaacatcc   360
gctttgcaga gctggtggat gaattggatc tcactgacaa aaaccgagag gctatgttcg   420
ctctgccccc tgagaagaaa tggcagatct actgcagcaa gaagaaggag caggaggacc   480
ccaacaagct ggcaaccagc tggcctgact attgcatcga ccgcatcaat tccatggctg   540
cgatgcagag tg   552

<210> 9709
<211> 534

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (149)...(512)
<223> similar to gi4454565 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9709
tttcgtggcg aacgaggccc cacctctgcc gggagcggga cgagcgcgca ggcgcagtct   60
ccccaggttg tagacgctgc ggcccggccc ggcgggtaaa taacagatgc gggtgaaaga   120
tccaactaaa gctttacctg agaaagccaa aagaagtaaa aggcctactg tacctcatga   180
tgaagactct tcagatgata ttgctgtagg tttaacttgc caacatgtaa gtcatgctat   240
cagcgtgaat catgtaaaga gagcaatagc tgagaatctg tggtcagttt gctcagaatg   300
tttaaaagaa agaagattct atgatgggca gctagtactt acttctgata tttggttgtg   360
cctcaagtgt ggcttccagg gatgtggtaa aaactcagaa agccaacatt cattgaagca   420
ctttaagagt tccagaacag agccccattg tattataatt aatctgagca catggattat   480
atggtggtat gaatgggatg aaaaaatttt cacccctttg aataaaaaag gttg   534

<210> 9710
<211> 1290
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (302)...(734)
<223> similar to gi862504 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9710
ttgcgtcggg gcccctggcc ctaaactctg ggactggcgg gcggtcaggc ggcacagggg   60
gaatcccggg ggcctaagga ggttgtccca gtttttgtca gcatctccac cccgaggtgg   120
tttgaacttt gagccttttg tagtcctgat gaataatttc attttcctca agtttatgac   180
actcggaacg tcaagaactg gaggtttgtg caatttgaga ccggtcggca ctgtgcagag   240
atcagagtac taagagacag agattaaaat ggcttccaga ggaaagacag agacaagcaa   300
attaaagcag aatttagaag aacagttgga tagactcatg caacaattac aagatctgga   360
ggaatgcaga gaggaacttg atacagatga atatgaagaa accaaaaagg aaactctgga   420
gcaactaagt gaatttaatg attcactaaa gaaaattatg tctggaaata tgactttggt   480
agatgaacta agtggaatgc agctggctat tcaggcagct atcagccagg cctttaaaac   540
cccagaggtc atcagattgt ttgcaaagaa acaaccaggt cagcttcgga caaggttagc   600
agagatggat agagatctga tggtaggaaa gctggaaaga gacctgtaca ctcaacagaa   660
agtggagata ctaacagctc ttaggaaact tggagagaag ctgactgcag atgatgaggc   720
cttcttgtca gcaaatgcag gtgctatact cagccagttt gagaaagtct ctacagacct   780
tggacggccc ccaagttaca tgaactacct gctagactca caccccagca aaaatattga   840
tgtccccagc aagattagct tcctgttaaa gatccaggac ctgtgaatac atgcgtaact   900

```
gcaagaatgg aagcaaagga tgaacccaag ttaaagccca gcacaagaat atgatgtaag    960
cgcttttggg aaatgcagag attttctttt ctcttcaaat aataaattac atctaaaaat   1020
taatgagagt ataggccggg tgtggtggct taatgcctgt aatcccagca ctttcggagt   1080
ctggggcagg tggatcacct gaggtcagga gtttgagacc agcctggcca acatggtgaa   1140
accccgtctc tactaaaaat acaaaaatta gctggacata gtggcacatg cctgtattcc   1200
cagctacttg gggagctgag gcaggagaat cgcttcaacc tgggatgcag aggttgcagt   1260
gagccgagat cacaccattg cactccagtt                                     1290
```

<210> 9711
<211> 763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (227)...(531)
<223> similar to gi49942 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9711
```
tcccgggtcg acgatttcgt gagaaggctg actggctgga ctcattgagc tgaagaattt     60
ccagtgacat ttgtaaatga cgccgctcga ttccaggctc caagcggccc ctgccgccgc    120
cgccgccgcc gggccgaagg tgccgccgag cagtctccag cgcaggcttc cttaccgggc    180
gaccacaatg tccgagtttc tcctcgcctt actcactctc tcgggattat tgccgattgc    240
cagggtgctg accgtgggag ccgaccgaga tcagcagttg tgtgatcctg gtgaatttct    300
ttgccacgat cacgtgactt gtgtctccca gagctggctg tgtgatgggg accctgactg    360
ccctgatgat tcagacgagt ctttagatac ctgtcccgag gaggtagaaa tcaagtgccc    420
cttgaatcac attgcttgcc ttggtaccaa caaatgtgtt catttatccc agctgtgcaa    480
tggtgtcttg gactgcccag atgggtatga cgaaggagta cattgtcagg gtgagtccat    540
ttgtggaaca atgcaactga aatattaaat tttacatagt aatgaaagtt caaagaaaac    600
ctataacctg cctttctctt caactacaag catatcagtt attaagaaag catgaatttt    660
actgccagac attttaatat gcatttcaaa gctgcaagta ttatgtttga gcaaaaaaac    720
accattagac nnnnnnnnnn nnnnnnnnnn nnnnnnnngt att                      763
```


<210> 9712
<211> 899
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
```

&lt;400&gt; 9712

```
tttcgtcgga gccgccgcca ctcgtctctg cccagctgct gccctcccca ggaggcctcc    60
atggcttcac ctacctccac caacccagcg catgcccact ttgagagctt cctgcaggcc   120
cagctgtgcc aggacgtgct gagcagcttc caggagctgt gtggggccct ggggctggaa   180
cccggtgggg ggctgcccca gtaccacaag atcaaggacc agctcaacta ctggagcgcc   240
aagtcactgt ggaccaagct ggacaagcga gcaggccagc ctgtctacca gcagggccgg   300
gcctgcacca gcaccaagtg cctggtggtg ggtgctggac cttgcgggct gcgggtcgct   360
gtggagctgg cgctgctggg ggcccgagtg gtgctggtgg aaaagcgcac caagttctct   420
cgccacaacg tgctccacct ctggcccttc accatccacg acctgcgggc actcggtgct   480
aagaagttct acgggcgctt ctgcaccggc accctggacc acatcagcat caggcagctc   540
cagctgcttc tgctgaaggt agcattgctg ctggggtgg aaattcactg gggtgtcact   600
ttcactggcc tccagccccc tcctaggaag gggagtggct ggcgtgccca gctccaaccc   660
aacccccctg cccagctggc caactatgaa tttgacgtcc ttatctcggc tgcaggaggt   720
aaattcgtcc ctgaaggctt caaagttcga gaaatgcgag gcaaactggc cattggcatc   780
acagccaact ttgtgaatgg acgcaccgtg gaggagacac aggtgccgga gatcagtggt   840
gtagccagga tctacaacca gagcttcttc cagagccttc tcaaagccac aggtcaggg    899
```

<400> 9713

```
ccgcccttga accgatagat agccgtaccg cgccgcaatt cccgggtcga cgatttcgtg    60
gcagagaccc ataccttttgg cgctgagtcg attccaggaa tgtgcggtcg atgagagggc   120
ggccttagca ttaggagtgc gtcggctgca ccctggcgga tggaccttgg gaaggagggg   180
aggggaccat cggggtcggc ggggagctac gggttcccct cttccaagac gggtgccaag   240
tgatgagtat caggtgtcta tggtgagatt tggggaggat cccagacctt aacagccctt   300
tggttgaaac ctctcacaat gtggcagtgg caataaaagg ggtagcagag cttcctgccc   360
tcaccgaggt gccgagtgcc tgctgccttg ggccgccttg aacctccagg gtttccagct   420
cctcctcctt caccccagtg ccactgccat gatggatgtg agtgaacttg gggagtctgc   480
ccgctacctc cgccagggct accaggagat gacgaaggtg cacactatcc catgggacgg   540
gaagaagcga gtctgggtgc ctgatgaaca ggacgcctac gtggaggccg aggtcaagtc   600
ggaggctacc gggggcagag tcaccgtgga gaccaaagac cagaaggtgc tgatggtgcg   660
tgaagccgag ctgcagccca tgaacccgcc tcgcttcgac ttactggagg acatggccat   720
gatgacgcac ctgaacgagg cctctgtgct gcacaacctg cgccagcgct atgcccgctg   780
gatgatctat acctactcag gcctcttctg tgtcaccatc aacccctaca aatggctccc   840
```

```
        <210> 9714
        <211> 732
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (259)...(733)
        <223> similar to gi733603 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9714
tttcgtcgcg cctgccgccc gttgcccagg caaccgtcgt gccgcgtctt cctgaggtag     60
ctcctgtcag cccactgatc ccaccacccg ctccctactg ccccgcggtc ttcgcgtgag    120
ctcggagact gagggacaac aaaaatggcg gaggggagcc agtcggcgcc tgaggcaggc    180
aatgatatgg gaaatgatga tgccattgga gggaatgtga gcaaatatat agtgcttcca    240
actggctatt gtggacagcc caagaaagga catcttatct ttgatgcttg ctttgaaagt    300
ggtaacctgg gccgggtgga ccaggtctct gagtttgagt atgatctgtt cattaggccg    360
gacacctgta atccacgctt ccgagtctgg ttcaacttta ctgttgaaaa tgtgaaagaa    420
tcacagaggg tcattttcaa cattgttaac ttcagtaaaa ccaagagtct ctatagagat    480
gggatggccc ctatggtgaa atctaccagc agaccaaaat ggcaaaggct gccacccaaa    540
aatgtttact actaccgctg cccggaccat aggaagaact atgtgatgtc ctttgccttt    600
tgttttgacc gagaagaaga tatttaccag tttgcttact gctacccata tacatacact    660
cgcttccaac attaccttga cagcctgcaa aagagaaaca tggattactt ctttcgggag    720
cagctgggcc ag                                                        732
```

```
        <210> 9715
        <211> 764
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (336)...(761)
        <223> similar to gi833629 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9715
tttcgtggtt gcgctgggct ccgggagcgc cgatggcgtg actggccccg cgcggagcag     60
cgacagtaag gctgtgtggg gggagctggg acctaagccg cgcgcacacc cctttctctg    120
cgtctggtgg aggtgcacag aggcttttga gtcaggccca agcgcagcca ggtgacctcc    180
```

```
ccgcggcctt tcaagcctga gctcggtgga cagctccctc tcccgtgagt cccgctgtcc    240
tgtacgcgcc cggacgagcc ccgggctgcg caccccgcta ggagctgccc ggccagcccg    300
cttctctgcc cggagccatg aatctcagta gcgccagtag cacggaggaa aaggcagtga    360
cgaccgtgct ctggggctgc gagctcagtc aggagaggcg gacttggacc ttcagacccc    420
agctggaggg gaagcagagc tgcaggctgt tgcttcatac gatttgcttg ggggagaaag    480
ccaaagagga gatgcatcgc gtggagatcc tgcccccagc aaaccaggag gacaagaaga    540
tgcagccggt caccattgcc tcactccagg cctcagtcct ccccatggtc tccatggtag    600
gagtgcagct ttctcccccca gttactttcc agctccgggc tggctcagga cccgtgttcc    660
tcagtggcca ggaacgttat gaagcatcag acctaacctg ggaggaggag gaggaagaag    720
aaggggagga ggaggaagag gaagaggaag atgatgagga tgag                     764
```



```
        <210> 9716
        <211> 694
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (459)...(697)
        <223> similar to gi3789797 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```



```
        <400> 9716
atttctgtcc tagacagagg aggcaggagc cccaggggcg ggctaatcgc ctgggctggg     60
gatgcctggg cagatgcaga ggaagctgga aaggtggcag tgcacctggg tcgctggagc    120
tgccgccgtt cctaggagac caaggagcag caagcctgcg ggggaggggg agcaagtggg    180
ttgctgcttt tagcagctga aagggctgca gggagctctg ggtaagacat tttctgttgc    240
tgctgctttt gcggtagaag ctgctgcgag taagtcagag gaaggaggat tgagaaggga    300
ggaggcttca cttgcagcca tgctgaatca ctgttgctga tcagatttcc cactggtctg    360
ctgggagaat caagaacaga actaggatcc ccgagtgcat acacagttca gcagctacca    420
ccctggctgg gcctcacaca atggagggtg aaagtgtcaa gctgagctcc cagactctga    480
tacaggctgg ggatgatgag aagaaccaga ggacgatcac tgtcaaccct gcccacatgg    540
ggaaagcatt caaggttatg aatgaactgc ggagtaaaca gctgttgtgt gacgtgatga    600
ttgtggcaga agatgtcgag atagaagccc accgtgtggt cctggcagcc tgcagcccct    660
acttctgtgc gatgttcaca ggtgacatgt ctga                                694
```



```
        <210> 9717
        <211> 539
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (195)...(410)
        <223> similar to gi3043529 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

<400> 9717

```
tttcgtccag gcggctggcg gaggaggaga gacggaggag gccgagaccg gagcgccgct        60
cgccgcagac ttacttcccc ggctcagcag ggaaaggttc ctagaaggtg agcgcggacg       120
gtatgcaaag ttgtgaatcc agtggtgaca gtgcggatga ccctctcagt cgcggcctac       180
ggagaagggg acagcctcgt gtggaggtga tcggcgccgg cttggctggc ctggctgcag       240
ccaaagcact tcttgagcag ggtttcacgg atgtcactgt gcttgaggct tccagccaca       300
tcggaggccg tgtgcagagt gtgaaacttg gacacgccac ctttgagctg ggagccacct       360
ggatccatgg ctcccatggg aaccctatct atcatctaac agaagccaac ggcctcctgg       420
aagagacaac cgatggggaa cgcagcgtgg gccgcatcat cctctattcc aagaaaggcg       480
tggcctgcta ccttaccaac cacggccgca ggatccccaa ggacgtggtt gaggaattc  ·     539
```

<210> 9718
<211> 1164
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (547)...(1045)
<223> similar to gi896065 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9718

```
ataatgggcg gtgggaaatc tggaacagtg tcttctcaga aacaaccagc ctcaaagact        60
gcaagtgaca agacagattc tgctttgaat acagctacag aaataaagga tggactacaa       120
tgtgggacag tgtcttctca gaaacaacaa gccttgaagg ctacaactga cgaggaaggt       180
tctgtttcta atatagccac agaaataaag gatggagaaa aatctgggac agtgtcttct       240
cagaaaaaac cagccttgaa ggccacaagt gctgagaaag attctttttc gaatataacc       300
agagaaaaaa aggatggaga aatatctagg acaggtatca gcaaacaggt gtccaaggtg       360
atcaattcag gactcttcca ctgaagagat gtgaagttgt cttctcagaa accaccagcc       420
ttgaaggcta caagtgtcaa ggaagattct gttttgggta tagccagaga aaacaaggat       480
ggagaaaaat ctaggacagt gtcttctgag aaaccaccag gcttgaaggc ttcaagtgat       540
gagaaagatt ctgttttgaa tatagccaga ggaaaaaagt atggagaaaa aactaagaga       600
gtgtcttctc ggaaaaaacc atccttggag gccacaagtg atgagaagga ttcttttttcg       660
aatataacca gagaaaaaaa ggatggagaa atatctagga aagtgtcttc tcagaaacca       720
ccagccttga agggtacaag tgacgaggaa gattctgttt tgggtatagc cagagaaaac       780
aaggatggag aaaaatctag gacagtgtct tctgagaaac caccaggctt gaaggctaca       840
agtgatgaga agattctgt tttgaatata gccagaggaa aaaggatgg agaaaaaact       900
aggacagtgt cttctcagaa accaccaacc ttgaaggcta caagtgatga ggaagattct       960
gttttgagta tagccagaga aaacaaggat ggagaaaaat ctaggacagt gtcttctgag      1020
aaaccatcag gcttgaaggt aatgaaactg tcatttatat tgtgaactag taaatgtata      1080
gtctatgaaa cttactttat taatttatta tttcatttga aattccattc aggctacaag      1140
tgccgagaaa gattctgttt tgaa                                             1164
```

7927

<210> 9719
<211> 573
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(437)
<223> similar to gi4995151 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9719
cggacgcgtg ggtgctttga gaggtgctac aaagccagaa aattttgtaa ttttttaaaa   60
aaacttagtt attccattta tacttttttac aattttgtgg tttctgtcct attgaaagtt   120
gttcaaaatg agaatggatg ttgattatga ttttttttcag gatacttcta gaattactgg   180
ctcccataaa acagaacagc ggaatgctga tctcacagat gagacttcac gactttttgt   240
aaagaaaaca atagtagtgg gcaatgtgtc caagtatata cctccggata agagggaaga   300
aaatgaccag tcaactcata agtggatggt atatgtccga gggtcccgta gagaacccag   360
cattaatcat tttgtcaaga aggtttggtt cttccttcat cctagctata aaccaaatga   420
ccttgtggaa gttaggtaag cacgcttgag gtatttaacc taaattgaaa tgcagactta   480
tttttgaagt ggaagaaaag tgatttaact tcaaaacatt tcctggaaat gcagtagtaa   540
ttgagaattg gctcttagtc aaaatgtagt tgg   573

<210> 9720
<211> 709
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (248)...(711)
<223> similar to gi4378889 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9720
tggggctgag gcggcgccgg cggagccctg cagcggctgt gagcaggcta cgcaacaggt   60
tcgcgggcgg cggcctgacg accaagccag ctgcagtggc ggcgagggcg ggcagagcag   120
ggtctccccg cgcctgcccg cgcccaggct gccggtgctg agggacgcgg agtcgcgctg   180
tgacgtgcgg gaggcgcggc gagggcgcca gatggctgag agctagcaag gaaaactcag   240
gaccatgatg gctcagtttc ccacagctat gaatggaggg ccaaacatgt gggctattac   300
ctctgaagaa cgtactaagc atgacaggca gtttgataac ctcaaacctt caggaggtta   360
cataacaggt gatcaagcac gtaattttt cctacaatca ggtctgccgg cccctgtttt   420
agctgaaata tgggctttat cagacctaaa caaggatggg aagatggatc agcaagagtt   480
ctccatagct atgaaactca tcaaactgaa gcttcaaggc caacagttgc ctgtggttct   540
ccctcctatt atgaagcaac cccctatgtt ttctccatta atttctgctc gttttggaat   600

7928

```
gggaagcatg cccaatctgt ccattcctca gccattgcct ccagctgcac ctataacatc      660
attgtcttct gcgacttcag ggaccaacct tcctccctta atgatgccg                  709




        <210> 9721
        <211> 1001
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (47)...(910)
        <223> similar to gi961446 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters




        <400> 9721
gcggtggaat tcctgaggcg gcggtagcat ggaggggggag agtacgtcgg cggtgctctc      60
gggctttgtg ctcggcgcac tcgctttcca gcacctcaac acggactcgg acacggaagg      120
ttttcttctt ggggaagtaa aaggtgaagc caagaacagc attactgatt cccaaatgga      180
tgatgttgaa gttgtttata caattgacat tcagaaatat attccatgct atcagctttt      240
tagcttttat aattcttcag gcgaagtaaa tgagcaagca ctgaagaaaa tattatcaaa      300
tgtcaaaaag aatgtggtag gttggtacaa attccgtcgt cattcagatc agatcatgac      360
gtttagagag aggctgcttc acaaaaactt gcaggagcat ttttcaaacc aagaccttgt      420
ttttctgcta ttaacaccaa gtataataac agaaagctgc tctactcatc gactggaaca      480
ttccttatat aaacctcaaa aaggactttt tcacagggta cctttagtgg ttgccaatct      540
gggcatgtct gaacaactgg gttataaaac tgtatcaggt tcctgtatgt ccactggttt      600
tagccgagca gtacaaacac acagctctaa attttttgaa gaagatggat ccttaaagga      660
ggtacataag ataaatgaaa tgtatgcttc attacaagag gaattaaaga gtatatgcaa      720
aaaagtggaa gacagtgaac aagcagtaga taaactagta aaggatgtaa acagattaaa      780
acgagaaatt gagaaaagga gaggagcaca gattcaggca gcaagagaga agaacatcca      840
aaaagaccct caggagaaca tttttctttg tcaggcatta cggacctttt ttccaaattc      900
tgaatttctt cattcatgtg ttatgtcttt aaaaatagac atgtttctaa aagtagctgt      960
aactacaacc accatctcga tgtagtagac aatctgacct t                         1001




        <210> 9722
        <211> 478
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (305)...(474)
        <223> similar to gi619734 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

<400> 9722

```
gattgagacc ctattcgaga ccatagtcca tgtggtggaa ttctgatgtc tcaactccgg        60
cctctaggaa cttgaatgag gacaggaggg tcagagggag agcctaggag gctgagccaa       120
ggagcgtgga gaggagagac agggtgaagg tggcggctgg ctttctggaa gcaggtggcc       180
tttggtgcgg tcagcattcg tgccagcccc ctcttctctg atcctctcca tgtgtctctc       240
tcctggaatc ccagaagctg cccctgactc cccattaact gcctctgccc ctaccccta        300
ggtgatgctt ctgggagaca caggcgtcgg caaaacatgt ttcctgatcc aattcaaaga       360
cggggccttc ctgtccggaa ccttcatagc caccgtcggc atagacttca gggtgaggtg       420
gctgcaggca cttgcttcca gcagagagcc agggctgtgg ctcaggcatg gggggtt         478
```

<210> 9723
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (139)...(479)
<223> similar to gi581461 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9723

```
ctcagccctg tggagaaaca gctggcgctg aggaacgccc tgcgctactt tccccccggat       60
gtccaggagc tgctggcccc agagtttgcc caggagctgc aactgtacgg acacatctac      120
atgtaccggt tttgccccga cattgaaatg agggcctacc cgattgagca gtacccctgc      180
cagacgaaag tggctgccgc catcatgcac atgattatga acaacctgga tcctgccgtg      240
gcccagtttc cccaggagct ggtgacctat ggaggaaatg ggcaggtgtt cagcaactgg      300
gctcagttct ggctgaccat gttctacttg tcgaagatga cagaggagca gactttggtc      360
atgtacagtg ggcacccact tggcctcttt cccagcagcc gcagtgcccc acggctcgtc      420
atcaccaatg ggatggtcat tcccaactac tcctcccgga cggagtatga gaagctcttt      480
g                                                                       481
```

<210> 9724
<211> 896
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (654)...(899)
<223> similar to gi4894364 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

          <400> 9724
atttgtctgg actgattact tggtagaaag ccccggagcg ctgggtcagc atcatccgtg   60
actgactgaa aaggcgcgag aggagtcttc cccgctgcac agaggcgtgg ctgaggctcg   120
gcggcgccca gggtacccag gcccggcccg gaataaggac atcctctctg gccccgctcc   180
gctcacggag tcagatggcg gcggccgagc tgacggcccc ggcccagggc attgtgacct   240
ttgaggacgt ggctgtttac ttctcctgga aggaatgggg tcttcttgat gaggctcaga   300
aatgcctgta ccacgatgtg atgctggaga acttgacact tacaacctcc ctgggtggtt   360
ctggagcagg ggatgaggag gcaccttatc agcagagcac ttctccacag cgggtgtcac   420
aggttaggat tcctaaggcc cttccttctc cccagaagac caacccctgt gagatatgtg   480
gcccagtctt gagacagatt ttgcacttgg ttgaacacca aggaacacac catggtcaga   540
aactgtatac agacggggca tgtaggaaac aattacaatt tactgcatac cttcatcagc   600
accagaagca gcatgttgga cagaaacact tcagaagcaa tgggggcaga gacatgtttt   660
tgagcagctg cacatttgaa gtatctggga agcccttcac ttgcaaggag gttgggaagg   720
atttcctggt gagatcaaga tttcttcagc aacaggctgc tcacaccaga aagaagtcaa   780
acagaaccaa gagtgcagtg gcctttcaca gtgtaaaaaa tcattacaac tggggagaat   840
gtgtgaaagc tttcagctac aaacatgtac gtgttcagca ccagggagat tgtatt   896

          <210> 9725
          <211> 520
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (111)...(523)
          <223> similar to gi2827496 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

          <400> 9725
ggaattcggt ttcggtgagc tctcagagcc gatttctagc gtccgtgccg gggacaggtg   60
tccagaggtc ggctgctgca gacatggcgg cctccaccgc ggccgggaag cagcggattc   120
ccaaagtggc caaggtgaaa aacaaagccc cggctgaggt acagataact gctgaacaac   180
tcttaagaga ggctaaagaa agagaacttg agcttcttcc acctccacct caacagaaga   240
tcacagatga agaagaatta aatgattata aactaaggaa aaggaagact tttgaagata   300
atataagaaa aaacaggact gtgattagta actggataaa atacgcacaa tgggaagaaa   360
gcctaaagga gattcaaagg gctcgatcca tatacgagcg tgctttagat gtagactacc   420
gaaatattac actctggctg aaatacgcag aaatggaaat gaagaatcgc caagtcaacc   480
atgctcgaaa tatctgggac cgggccataa caacgctgcc   520

          <210> 9726
          <211> 555
          <212> DNA
          <213> Homo sapiens

          <220>

<400> 9726

```
tcgaaaggac tgctctttgg gtgagttgaa cttcttccat tatagataga attgatggct      60
gagaaactca gcctctatca tgtggaacag ctctgacgcc aacttctcct gctaccatga     120
gtctgtgctg ggctatcgtt atgttgcagt tagctggggg gtggtggtgg ctgtgacagg     180
caccgtgggc aatgtgctca ccctactggc cttggccatc cagcccaagc tccgtacccg     240
attcaacctg ctcatagcca acctcacact ggctgatctc ctctactgca cgctccttca     300
gcccttctct gtggacacct acctccacct gcactggcgc accggtgcca ccttctgcag     360
ggtatttggg ctcctccttt ttgcctccaa ttctgtctcc atcctgaccc tctgcctcat     420
cgcactggga cgctacctcc tcattcccca ccctaagctt tttccccaag ttttcagtgc     480
caagggggata gtgctggcac tggtgagcac ctgggttgtg ggcgtggcca gctttgctcc     540
cctctggcct attta                                                      555
```

<400> 9727

```
ggcttactca ctatagggct cgagcggccg cccgggcagg tgcaggctca gcacagattg      60
tgtgtcaggt ctgatggcag ctgaggctca cagggcaggg ccgatggggc agggagtggc     120
tcacccatgg ggggtttgaa gatccggttc aaccccagag gctgcggctc catgaaggga     180
tgctcagagc aggggcatcg ggcagcccag cggtgtcagg aaggcagcag taaccagcga     240
gtcttcccca tctttccagg agctgtccaa gatcacgatg ccaatcgcct tcaacgagcc     300
tatgagcttc ttgcagcgga tcacggagta catggagcac gtgtacctca tcctcagggc     360
ctcctgcaat cgctagtcg                                                  379
```

7932

```
        <400> 9728
ggaactcgca gatgaaggtg gactgcttcc gcaagctggg ctattcatgc acggagatcc      60
acatcgtcct gtaaaagctg ggcgtccagg cagacaccga cacggtgctg ggtgagctgg     120
tgaaacacgg gacagccacc gagcgggagc gccagacctc accggacccc tgccctcagc     180
tacctctagt cccgcggggg ggtggcaccc ctaaggctcc caacctggag ccttcactcc     240
cagaagagga aaaggagggc agcgacctga gaccagaggt catcgatggg agcaacgagg     300
acatgagcca tgggagcaag gaggtcttct cctgccgggg catcctgctg gcagtgaact     360
ggtttctgga gcggggccac acagacatca cagtgtttgt gccatcctgg aggaaggagc     420
agcctcggcc cgacgtgccc atcacaggtg agtggtgcct ctggaggtgg gatggtctta     480
ctgccccagc agccctggtt ctccccaaga gagaccctct gggagtgacc tacaacttct     540
agaactaaag cagggaccag catttctttt ctcagttttt tctgtcctta gcaacctgct     600
ctgaatggtg gtcattggag gtcaccttgt ccagtcttct gcctcagatc tggagcccct     660
ccctcatcct actggtgggc aggtcgctct ttcaacatcc ccagtggcag aagcgcagta     720
tcacatagtg gttaagcctg                                                740
```

```
        <400> 9729
caccagtgtc cgctgcaaag gtatcccccg gggacctgtg aggccagcca tcccaccacc      60
actgtcgtca gtgtatgcct ggggtggtgg gctgggcacc cccctgcggc tgccaatgct     120
caacacagag gtggtccagg tggcagctgg gcgcacgcaa aaagccggcg tcacgcgctc     180
tgggcgtctc atcctgtggg aggccccacc cctaggtgca ggcggaggca gtctccttcc     240
tggggcagtg gagcagccac agccccagtt catctcgcgt ttcctggagg gccagtcggg     300
tgtgaccatc aagcacgtgg cctgtgggga cttcttcact gcctgcctga ctgacagagg     360
catcatcatg acattcggca gcggcagcaa tgggtgccta ggccatggca gcctcactga     420
catcagccag cccaccattg tggaggcttt gctgggctat gaaatggtgc aggtggcctg     480
tggggcctct cacgtgctgg ccctgtccac tgagcgagaa ctatttgcct ggggccgtgg     540
agacagcggc agactggggc taggcaccag ggagtcccac agctgccccc agcaggtgcc     600
catgccccca ggacaggaag ctcagcgagt tgtatgtggt atcgattcct ccatgatcct     660
cactgtgcct ggccaagccc tagcctgtgg gagcaacagg ttcaacaagc tgggcctgga     720
ccacctctcc ctgggggagg agcctgtccc ccaccagcaa gtggaggagg ccctgagctt     780
cacactacta ggctctgcac ccctggacca ggagcctctg ctgagtatag acctgggcac     840
tgctcactca gctgctgtga ctgcctcggg tgattgctac actttggca gcaatcagca      900
```

<210> 9730
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (90)...(399)
<223> similar to gi1504012 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9730
```
cgcatgttgg tcagtcgtgt tttaaagagt acagtgcggg gaggctgaga ggggcgcatg        60
caacaacaac ttttggaagg atggaagaga agaggcgaaa atactccatc agcagtgaca       120
actctgacac cactgacagt catgcgacat ctacatccgc atcaagatgc tccaaactgc       180
ccagcagcac caagtcgggc tggccccgac agaacgaaaa gaagccctcc gaggttttcc       240
ggacagactt gatcacagcc atgaagatcc cggactcata ccagctcagc ccggatgact       300
actacatcct ggcagaccca tggcgacagg aatgggagaa aggtgtgcag gtgcctgccg       360
gggcagaggc catcccagag cccgggggtga ggatccccccc accactggaa g       411
```


<210> 9731
<211> 585
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (68)...(182)
<223> similar to gi1938462 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9731
```
cttctacccc cggagctcag ctgatcttcc cttccagact acgaggtgtg aatttcaaac        60
ttccgtaatg gagttagccc acagtttatt gctaaatgaa gaagctttgg ctcaaatcac       120
cgaagcaaaa agaccagttt tcatctttga atggttgcga tttcttgata aagtcttggt       180
tgctgccaac aaggtatggt attgctcttt tttcccagtt gcattaacgt gaagagatta       240
tgtggtcatg attcttaaga aaacacatgt tatgttttgg aaggtttatg ggtcacttat       300
ggaacttgag agtattacac gaatgggaaa tttagtggca aaactcaaac ctcgtttaaa       360
tccagctcat tgcctatctt ctttatgttt gtacctgggc agctcattgt aactggagaa       420
aaacatggct atatgactgg tgtcacttta aatttatcat cgtcacccgt tgcaagtgat       480
ctctctatgc tgcctaacaa tcccagtgtc ttcacttatc tctttgagga gtcaataata       540
```

<210> 9732
<211> 741
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(741)
<223> similar to gi5926736 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9732
```
aaaaagttga gtaaatcatg tcggagttac tggacctttc ttttctgtct gaggaggaaa      60
aggatttgat tctcagtgtt ctacagcgag atgaagaggt ccggaaagca tatgagaaaa     120
ggattaggcg actaaagaat gagttactgg agataaaaag gaaaggggcc aagaggggca     180
gccaacacta cagtgatcgg acctgtgccc ggtgccagga gagcctgggc cgtttgagtc     240
ccaaaaccaa tacttgtcgg ggttgtaatc acctggtgtg tcgggactgc cgcatacagg     300
aaagcaatgg tacctggagg tgcaaggtgt gcgccaagga aatagagttg aagaaagcaa     360
ctggggactg gttttatgac cagaaagtga atcgctttgc ttaccgcaca ggtagtgaga     420
taatcaggat gtccctgcgc cacaaacctg cagtgagtaa aagagagaca gtgggacagt     480
ccctccttca tcagacacag atgggtgaca tctggccagg aagaaagatc attcaggagc     540
ggcagaagga gcccagtgtg ctatttgaag tgccaaagct gaaaagtgga aagagtgcat     600
tggaagctga gagtgagagt ctggatagct tcacagctga ctcggatagc acctccagga     660
gagactctct ggataaatct ggcctctttc cagaatggaa gaagatgtct gctcccaaat     720
ctcaagtaga aaaggaaact c                                              741
```

<210> 9733
<211> 834
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(835)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (391)...(834)
<223> similar to gi5689523 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9733

```
gctgttggta tggggggccat catcccgccc catctgcaag gccttcctgg tgctaatgga    60
tcatcagttt ctcaagtcag tgggggcagt gctgaaggaa taagcaattc tgtgtgggga   120
ctgtccccag gtaaccctgc cacaggaaat agcaattctg ggttcagtca ggggaatgga   180
gacactgtga actcagcatt aagtgctaaa caaaatggat ccagcagtgc tgtgcaaaag   240
gaaggaagtg gaggaaatgc ttgggattca ggacctcctg ctggtcctgg aatactcgcc   300
tggggaaggg gcagtggcaa caatggcgtt ggtaatatcc attcaggagc ttggggccac   360
cccagccgaa gcacctctaa cggtgtgaat ggggaatggg gaaagccccc aaaccagcat   420
tccaacagtg acatcaatgg gaaaggatca acagggtggg agagtcctag tgtcaccagc   480
cagaaccccta ccgtacagcc tggtggtgaa cacatgaact cctgggccaa agcggcatct   540
tctggaacta cagcaagtga aggaagtagt gatggttctg gcaaccacaa tgaaggaagc   600
actgggaggg aaggaacggg agaaggccga aggcgagata aagggattat agaccaaggg   660
cacatccagt tgccaaggaa tgatcttgac ccaagagttc tgtctaatac tggttgggga   720
cagactcctg taaagcaaaa cactgcctgg gaatntgaag aatcccctag gtctgaaagg   780
anaaatgaca atgggacaga ggcctgggtt gtgcagctac tcangcttca nact          834
```


<210> 9734
<211> 1090
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (334)...(977)
<223> similar to gi4100351 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9734

```
aacggtcgac gatttcgtac ggggaggaga gaaggggggcg gaaagagggc ggaaagtgaa    60
aggcgccgag ggccgctctg tctcccgtct gactcggttc tcgactgctc cgggccgccg   120
atgtattgtg ggatcgcgga gccgtcccta agacgctggg atccgcagag gagcccactt   180
gagagcgcct cctgtcgtct gtaaggttgc cttgccatcc ctcggcaccc caacttcccc   240
cgcccccca tcgcctcctc ctccatcctc cagttcaaaa tggcgacggc ggcggcagcg   300
gcggcggtga tggctcctcc gggctgcccg ggttcgtgcc ccaacttcgc cgtagtctgc   360
tccttcttgg agcgctacgg gccgctgcta gacctgcctg agttgccgtt ccctgagctg   420
gagcgggtgc tgcaggcgcc gccgccggac gtcggcaacg gagaagtacc aaaagaattg   480
gtggagctcc atttgaagct gatgaggaaa attggcaaat ctgttactgc agacagatgg   540
gaaaaatatt tgatcaagat atgccaagag tttaacagta cctgggcatg ggagatggag   600
aagaagggct atcttgaaat gagtgttgaa tgcaaactag cactcttaaa gtacctctgt   660
gagtgtcagt ttgatgacaa tctcaaattc aagaatatta ttaatgagga ggatgccgat   720
actatgcgtc tccagccaat tggtcgagac aaagatggcc tcatgtactg gtaccaattg   780
gatcaagatc acaatgtcag aatgtacata gaagaacaag atgatcaaga tggctcttca   840
tggaaatgca ttgtcagaaa tcgaaacgag ttggctgaga ctcttgcact cctgaaagca   900
caaattgatc ctgtactatt gaaaaactct agccaacaag acaactcttc tcgggaaagt   960
cccagcttag aggatgagga gactaaaaaa gaggaagaaa cacctaaaca agaggaacag  1020
aaagaaagtg aaaagatgaa aagtgaggag cagcctatgg atttagaaaa ccgttctaca  1080
gccaatgttc                                                         1090
```

7936

```
<210> 9735
<211> 993
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (737)...(995)
<223> similar to gi4929601 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters



        <400> 9735
aacaattgca aagctaatat ttaagtttca attcatgaaa acattctgga aataagagat      60
gactccaatc tacatgttga aaaggctcat tgtgtactgg gaaaattgat ccagaatggt     120
cagttccaag tcatgtccta gtaaaacagt tggactttca aaatgatgaa gaaaaattcc     180
tctgggcttc cagacagaaa ggagaggtta gcaacagact tctaaacagc aacatacaaa     240
gcaaaacagc catggaacaa catgtttaaa gtctacgaaa gtataagcca aagattttat     300
aactatgact cattcttaaa gaaaaaccat gataaatcct actatattaa taaaaaagta     360
tttaaatagt gaaaaatgcc acgagcaaag tcaaaaggca agcgacaaag cggggaaaaa     420
tatttggact tatatcacaa agagctaacc tcctggatga aaacaccttc gtaaaattcc     480
aggatatcca tcaaatattg agaagaaaga atatcaggag caaagtgttc taagttgctg     540
ctcagaacgt aaagatgcga accccaaatc agtggtttgt tcattcttca tgcaagagca     600
atgcactaaa ggagagaagc aagctgtggt gatcagtgac tttggtgaaa gctaagaagg     660
ttcaaacaaa tttgcaaatg atatacaact tctaagcatt ccatattgga agaagagatt     720
tctacacatg aaaaaaatgc ctttgtttag taaatcacac aaaaatccag cagaaattgt     780
gaaaatcctg aaagacaatt tggccatttt ggaaaagcaa gacaaaaaga cagacaaggc     840
ttcagaagaa gtgtctaaat cactgcaagc aatgaaagaa attctgtgtg gtacaaacga     900
gaaagaaccc ccgacagaag cagtggctca gctagcacaa gaactctaca gcagtggcct     960
gctagtgaca ctgatagctg acctgcagct gat                                 993




        <210> 9736
<211> 808
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (87)...(562)
<223> similar to gi577779 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters




        <400> 9736
ggcgcacgct actctgtcgc cgccgtcaga ccggaattgc cggtgccgcc gccaccgctg      60
tctgtgcgcc cacctctgct gctaccatgg ggatcttaga gaagatctcg gagatcgaga     120
```

```
aggagatcgc tcggacacag aagaacaagg ccactgagta tcatctgggc ctgctgaaag      180
ctaagctcgc caagtatcgg gcccagctcc tggaaccgtc caaatcggcc tcatccaaag      240
gagagggctt tgatgtcatg aagtcgggtg atgcccgtgt ggcgctgatt ggatttccct      300
ctgtgggtaa gtccacattc ttgagtctga tgacctccac ggccagcgag gcagcgtcct      360
atgagttcac cactctgacg tgtattcctg gggtcattga atacaaaggt gccaacatcc      420
agctcctgga ccttcctgga atcattgaag gcgcagccca aggaaaaggc cgtggccggc      480
aggtgatcgc tgtggcgcgc acggctgacg tcatcatcat gatgctggat gccaccaagg      540
gagaggtgca gaggtccgca gggtggggca tggggcaggc tcacatgtct ggggagggcc      600
aatgtgtccc tgagctcgta ctaggcggcc tgtgggtgtt tggctctctc acacgtgaga      660
gtagtggtag gacttgtcac agactaaacc caacaccacc cagcctatgg cgtcttctcc      720
tcaaggcttg tgtccagcca gcacagaggt atcttgggac tgggggccga ggggcttggc      780
ctggccctgc ttcctgttca gaggcacc                                        808
```

<210> 9737
<211> 594
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (269)...(497)
<223> similar to gi3560067 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9737
```
cacagctgct cggcgcctgc agctccggct cgggggctgg aaccgaagcg ggggcggcgg       60
gagcgcggag accacagccc ccggggagag gcggaggggg tccctggcct gggcggagag      120
gctgagctga gtgcgcgtga gaaagagggc tgcaccgctg ctcggcgcgg actctgccag      180
ccccagcttc agccccggct caggtcgccg cagcccggga gcctccccgc ttgcgcccca      240
aggcacgcgc ggcacagcca tgaacaccaa cgatgccaag gagtatctgg cccggaggga      300
aatccctcag ctttttgaga gccttttgaa tggactgatg tgttctaagc ccgaagatcc      360
agtagaatac ttggaaagtt gtttacaaaa agtaaaggaa ctgggtggct gtgacaaggt      420
gaaatgggat acatttgtaa gccaggaaaa gaagacctta cctccactaa atggaggaca      480
gtcacggaga tcctttctaa gaaatgaaag tgacacggat ctctctgaga ctgcggagtt      540
gattgaggag tatgaggttt ttgattctat cagacctcga ccaactatca ttat          594
```

<210> 9738
<211> 461
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (353)...(463)
<223> similar to gi3043714 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9738

```
aggggccaag atggcggcgc gccgggggacg gagagacgga gtcgcgccgc ccccgagtgg     60
gggccccggt ccggaccctg gcgggggagc ccgcggcagt ggttgggggaa gtcgaagcca    120
agcgccgtat gggactttgg gcgctgtgag cggcggcgag caggtgctgc tgcatgagga    180
ggcgggtgat tctggctttg tcagtctctc tcggctgggc ccatctctga gggacaagga    240
cctggaaatg gaggagctaa tgctgcagga tgagacactg ctggggacca tgcagagcta    300
catggatgcc tcccttatct ccctcattga ggattttggg agccttggag aggttgaaat    360
gtctcttcca gatccctctt gggacttctc cccaccctct ttcttagaga cctcttcccc    420
caagcttcct agctggagac ccccaagatc aagaccacgc t                        461
```

<210> 9739
<211> 918
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(693)
<223> similar to gi4106464 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9739

```
gcagcttgga gatgtcgtcg gatggggaac ccctgagccg catggactcg gaggacagca     60
taagcagtac tataatggat gtagacagca caatttccag tgggcgttca actccagcaa    120
tgatgaatgg acaaggaagc actacttctt caagcaaaaa tattgcctat aattgttgtt    180
gggaccagtg ccaggcttgc ttcaactcta gcccagatct ggcagatcac atccgttcca    240
tacatgtaga tggtcagcga ggaggggtat ttgtttgctt atggaaaggt tgtaaagtat    300
ataacactcc atctaccagt caaagttggt tacaaaggca tatgctgaca cacagtggag    360
acaaaccttt caagtgtgtt gttggtggct gcaatgccag ctttgcttct cagggagggc    420
tagctcgtca tgtacccaca cacttcagtc agcagaactc ctcaaaagtt tctagccagc    480
caaaggccaa agaagaatct ccttctaaag ctggaatgaa caaaaggagg aaattaaaga    540
acaaaagacg acgctcatta gcacggccac atgatttctt cgatgcacaa acactggatg    600
cgataagaca tcgagccata tgctttaacc tctcagctca tatagaaagt ttagggaagg    660
gacacagtgt tgtttttcat agtactgtaa gtattctttt atttttttcaa attaaatata    720
aaactttgca aaaaaatatt tccacaatca tttctaaatc tctcaaaatc taagaaagta    780
caatttaaca gaaatcacaa aacctttgt tttatcagta tttaaacat tgtattattg    840
gttataaagc acacatttct tataatttta catgtttgtg attaaactga atatgttagc    900
ctttagtttg agttactt                                                   918
```

<210> 9740
<211> 688
<212> DNA

<213> Homo sapiens

<220>
<221> misc_feature
<222> (307)...(689)
<223> similar to gi3327130 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

        <400> 9740
cttttcttag caattttatg agatgggtac taacatcagc ttcacattac cggcgagaaa   60
acaggcaaag aggttaggtt attgcctaaa gtcacacagc tagtaagtgg caagaccagg   120
gtttgaagca gagcagcgct gatccactac cacatccctc ctgggctgga acccaggcct   180
ctccagccct agtgatcatg aggctgcctg ttgggcataa acagcgaacc agtttctccc   240
tgctttgtta ggaaagagag ccactcttca tgatgttatc actaacaagg cctgtgtgga   300
ctccgcaggt tcctacttca gtctctggaa gatttggaca caagtttaag gaaactgaac   360
tcccgcctgt ttgtagtccg gggacagcca gccgacgtgt tcccaaggct gttcaaggaa   420
tggggagtga cccgcttgac ctttgaatat gactctgaac cctttgggaa agaacgggat   480
gcagccatca tgaagatggc caaggaggct ggtgtggaag tagtgacgga gaattctcat   540
accctctatg acctggacag gatcattgag ctgaatgggc agaagccacc ccttacatac   600
aagcgctttc aggccatcat cagccgcatg gagctgccca agaagccagt gggcttggtg   660
accagccagc agatggagag ctgcaggg   688

        <210> 9741
        <211> 958
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (385)...(935)
        <223> similar to gi5851984 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

        <400> 9741
ggcacggaaa caggaagccc cgccgactgc ctcctggccg cgcctggagc gcgcgccctg   60
cggctggtcc tcaataaata gccgaggagg cgctcccctc cctccctccc gccggcgccg   120
tcggcccgga ccatcgagtc agtcctccag cgtcccagag agggcgcgga agtgccccag   180
ggccggcgcg ggttcttccg gccgtgcggt ccgcgctttt gtcccgctgg cggccgggtt   240
tccgcggcgc cgccacagcc agtgtgaata gagaccccgg aggcgcgtcc tagccctcat   300
ctggggaagc gcacctgcat acagacgggt gcaccgggga ggaggcgatc tgccgcgtgt   360
tcctgcaagc agaaaaggag ttaactagtg tcacatttga agacgagcac tgaggatgag   420
gaaccaactg aagaatatga aaatgttgga aatgcagcat ctaagtggcc aaaagtggag   480
gatcctatgc ctgaatctaa ggttggtgac acatgtgttt gggatagcaa ggtagagaat   540
caacagaaaa agcctgtgga aaacaggatg aaggaggaca aaagcagcat cagggaagca   600
atcagcaaag ccaagagtac agcaaatata aagacagaac aggaaggtga ggcatctgag   660
aagagcttgc atctgagccc acagcatatc acacaccaga ctatgcctat aggacagaga   720
ggcagtgagc aaggcaaacg tgtggagaac attaatggaa cctcctaccc tagtctacag   780

```
cagaaaacca atgctgttaa gaaattacat aaatgtgatg aatgtgggaa atccttcaca    840
tataattccc gccttgttca acataaaatt atgcacactg gggaaaagcg ctatgaatgt    900
gatgactgtg gagggacttt ccggagcagc tcgacccagg aattccgagc cggtagca     958




        <210> 9742
        <211> 391
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (105)...(391)
        <223> similar to gi4240130 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters




        <400> 9742
acaaacagag aactggtttt gacagtgttt ctagagtgct ttttattatt ttcctgacag     60
ttgcgttcca ccatgattac tttctccttc agcgaatagg ctaaatgaat atgaaacaga    120
aaagcgtgta tcagcaaacc aaagcacttc tgtgcaagaa ttttcttaag aaatggagga    180
tgaaaagaga gagcttattg gaatggggcc tctcaatact tctaggactg tgtattgctc    240
tgttttccag ttccatgaga aatgtccagt ttcctggaat ggctcctcag aatctgggaa    300
gggtagataa atttaatagc tcttctttaa tggttgtgta tacaccaata tctaatttaa    360
cccagcagat aatgaataaa acagcacttg c                                   391




        <210> 9743
        <211> 719
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (269)...(706)
        <223> similar to gi5824631 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters




        <400> 9743
tcaacatcaa ggctcaaatt gtggtggcac aagtaacaag cattcattgg aagaggatga     60
aggcagtgac tttataacag agaacaggaa tttggtgagc ccagcatact gcacgcaaga    120
atcaagagag gaaatccctg ggggagaagc tcgaacagat ccccctgatg gtcagcaaga    180
ttcagagtgc aacaggaaca aagaaaaaac tttaggaaaa gaagttttat tactgatgca    240
agccctaaac accctttcaa ccccagagga gaagctggca gctctctgta agaaatatgc    300
tgatcttctg gaggagagca ggagtgttca gaagcaaatg aagatcctgc agaagaagca    360
agcccagatt gtgaaagaga aagttcactt gcagagtgaa catagcaagg ctatcttggc    420
```

```
aagaagcaag ctagaatctc tttgcagaga acttcagcgt cacaataaga cgttaaagga    480
ggaaaatatg cagcaggcac gagaggaaga agaacgacgt aaagaagcaa ctgcacattt    540
ccagattacc ttaaatgaaa ttcaagccca gctggagcag catgacatcc acaacgccaa    600
actccgacag gaaaacattg agctggggga gaagctaaag aagctcatcg aacagtacgc    660
actgagggaa gagcacattg ataaggtgtt caaacataag gaactgcaac agcagctcg     719
```

```
        <210> 9744
        <211> 397
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1)...(398)
        <223> n = a,t,c or g

        <220>
        <221> misc_feature
        <222> (178)...(308)
        <223> similar to gi2689441 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9744
ggacctatgt tctgacagcg agaaggcgcg aggagagtcg ttttctcagc tgcacagccg    60
gggcctgacg gtcgccggcg gtggtgacag ctttgctctt gtcttcgccc ggatcgtcca   120
ccgctcccgg cccgctccgc ccagagtccg atggcggcgg cactgagggc cccgacccag   180
gttttttgtag cctttgagga tgtggccatt tacttctccc aggaggagtg ggagctcctt   240
gatgagatgc agaggctcct gtaccgcgat gtgatgctgg agaactttgc agttatggca   300
tccctaggta ttattgagtg ttttcaagaa tgaaaagann nnnnnnnnnn nnnnnnnnnn   360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnn                             397
```

```
        <210> 9745
        <211> 551
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (68)...(553)
        <223> similar to gi219867 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9745
```

```
cccacgcgtc cgccttgctg gagcattcac taggcgaggc gctccatcgg actcactagc      60
cgcactcatg aatcggcacc atctgcagga tcactttctg gaaatagaca agaagaactg     120
ctgtgtgttc cgagatgact tcattgtcaa ggtgttgccg ccggtgttgg ggctggagtt     180
tatcttcggg cttctgggca atggccttgc cctgtggatt ttctgtttcc acctcaagtc     240
ctggaaatcc agccggattt tcctgttcaa cctggcagtg gctgactttc tactgatcat     300
ctgcctgccc ttcctgatgg acaactatgt gaggcgttgg gactggaagt ttggggacat     360
ccccttgccgg ctgatgctct tcatgttggc tatgaaccgc cagggcagca tcatcttcct     420
cacggtggtg gcggtagaca ggtatttccg ggtggtccat ccccaccacg ccctgaacaa     480
gatctccaat cggacagcag ccatcatctc ttgccttctg tggggcatca ctattggcct     540
gacagtccac c                                                          551
```


<210> 9746
<211> 1923
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (432)...(1407)
<223> similar to gi1065510 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9746
```
ttagccgtgg ggctgtcctc gccactggac cccaaacccc tcagcccggg cgggcgcgaa      60
cacacaatca gagccgctgg cgtcccggct gagaggacgg ggccccggca gaaagacccc     120
gggcccccctc agcccgagcg cgtcgccgag ccggtccccca ggttctccct ccggaaccaa     180
cctgcgcacc cgcggcgggg ccggggcgc caggacccag acggaccgag ggccggaagt     240
gacgccagct ggcccgcttg aggcgtaggg ggtggcgctc tccgttcggc ggcgctccca     300
tggcgcacat taccattaac cagtacctgc agcaggtgta cgaagccatc gacagcagag     360
atggagcatc ttgtgcagag ttggtgtctt ttaaacatcc tcatgttgca aacccacgac     420
ttcaaatggc ctctccagag gagaagtgtc aacaagtctt ggaacccct tatgatgaaa     480
tgtttgcagc tcatttaagg tgcacttatg cagtggggaa tcatgacttc atagaggcat     540
acaagtgcca gaccgtgata gtccaatcat tcttgcgagc attccaggcc cacaaagaag     600
aaaactgggc tctgcctgtc atgtatgcag tagcgcttga ccttcgagtg tttgccaata     660
atgcagatca acagttggta aagaaaggaa aaagcaaagt tggggacatg ttggaaaaag     720
cagcagagtt actgatgagc tgtttccggg tctgtgccag cgacacccgt gctggtatag     780
aggactctaa gaagtggggc atgctgtttc tggtgaacca gctgtttaaa atctacttca     840
agatcaacaa actccatta tgtaaacccc taattagagc aattgacagc tcaaacctga     900
aagacgatta cagcactgca cagagagtaa catacaaata ctacgttgga cgcaaggcta     960
tgtttgacag cgatttaag caagctgagg agtacctgtc atttgccttt gagcattgtc    1020
accgttctag tcagaagaac aaaaggatga ttctgatcta tttgcttcca gtaaaaatgc    1080
tattgggtca catgcccact gtggagctcc tgaaaaagta tcacctgatg cagtttgcgg    1140
aagtaaccag agctgtgagc gagggcaacc tgctgctgct gcacgaggcg ctggcgaagc    1200
acgaggcctt cttcattcgc tgcggaatct tcctcatcct ggagaagctg aagatcatca    1260
cctacaggaa cctctttaag aaagtgtatt tgttactgaa aacacaccag ctgtctctgg    1320
atgcttttct ggttgccttg aagttcatgc aggtggagga cgtggacatt gacgaagttc    1380
agtgtattct ggctaacttg atatacatgg gacacgtcaa aggctacata tcgcatcagc    1440
atcagaagct ggtggtcagc aagcagaacc catttcctcc cctgtccacg gggtgttgaa    1500
agtacacgga gccccgagga cggcctgatg aaaacctgga attcctttt cacagactcg    1560
gctggttctg gagtctttgt gagacttctt tgaaggaggc tttgcgtgaa ggctgctcgg    1620
```


                                    7943

```
ctcacttttc ctaagtgtgg ttcctgaagg ctgtctttgt aacttttgt agttctttgt      1680
gtaaaaagcg tattctgaat ttatacacat ggcatgttct tcattatatc ttccaggata      1740
catctatttt tatatattaa atttgaatgt gttatcaaaa tgcttggtta acttaaggca      1800
cctttttaaa agcagaattt aatttgattt aaattttcca gattttatag cttgcctgta      1860
tggatgctcc tcaatttatg atggggttac atcccaataa acttatttta tttgccaaaa      1920
aaa                                                                   1923
```


```
            <210> 9747
            <211> 1326
            <212> DNA
            <213> Homo sapiens

            <220>
            <221> misc_feature
            <222> (1)...(1327)
            <223> n = a,t,c or g

            <220>
            <221> misc_feature
            <222> (853)...(1282)
            <223> similar to gi1123082 in the genepept database release 114,
              Run with FASTXY 3.3t00, default parameters
```


```
            <400> 9747
atgggaatcc ccaacttagc tcaggtatcc tgtaacgcag aagctctgtg aaatgagcag       60
aagtccttaa aagggcctgc cggttttccc gcaatctttt acagggtgag cagcgctgta      120
tccactgata acccagctgc ttaggaactg agtaaagccg gctccaaact tctcagctgt      180
tgacaggctt gacttgctga gaacactggt taaatatagc acccgcgagc tcagctcctc      240
aacatagcca ttgctctgac agtgttgtga agggagcaga agaggagaaa cctaatctcc      300
gaacccaaca acacctagca acagtagaaa aaacttttaa acaaaagtct gggtgggaga      360
tatacaacaa cttccaattt ctgctgatcg ggatttcagg gagaagaagc tgctttccct      420
cctctctact ctgtttcctg catgacttca gctattggct ggtcctggga aagaaagtgg      480
gaaaagcttt ttcctctgta ttcttttggg ctggatagtt tttgagaact cgaatctgtc      540
ttgggctgtg agacaagcca ctgggttctt caaaggataa actacctaca tagaggacat      600
accttttggtt aaaggagctg ccgtcaggtg ggaatgagat ctcgaaacca aggtggtgaa      660
agtgcatctg atgggcatat ctcctgtccc aagccctcca tcatcggcaa tgctggtgaa      720
aaaagtctct cagaagatgc aaaaaagaag aagaaatcaa ataggaagga ggatgatgtc      780
atggcctcag gaactgtcaa acgacaccta aaaacatctg gagaatgtga acgaaaaact      840
aagaaatccc tggagttatc caaagaagac ctcatccaac tactcagtat aatggaaggg      900
gagttgcagg ccagagaaga tgtgatccac atgctgaaga cagagaaaac caagcctgag      960
gttctggagg ctcattacgg gtctgcggag ccagagaaag tgctgcgggt cctgcaccga     1020
gatgccattc ttgcccagga gaaatccata ggagaagatg tctatgagaa accgatttca     1080
gagctggaca gacttgagga aaaacagaaa gaaacctacc ggcgcatgct agagcagctg     1140
ttgctggccg agaagtgtca taggcgcacc gtatacgagt tagagaacga gaagcataaa     1200
cacactgact acatgaacaa gagcgacgac ttcaccaacc tgctggagca ggagcgggag     1260
aggttaaaaa agctccttga acaagaaaag gcttatcaag cccgcaaaga anaggaaaat     1320
gctaat                                                               1326
```

<210> 9748
<211> 970
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (87)...(925)
<223> similar to gi600058 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9748
```
cccacgcgtc cggaataacg acctgcctta cgctttgctg ctgtcgtcgg agaggcatct    60
gggttcggac tggggccgcc atggggaaag tgaatgtggc caagttgcgt tacatgagcc   120
gagatgactt cagggtcttg accgcggttg aaatgggcat gaagaaccat gaaattgttc   180
ccggcagttt gattgcttct atagccagcc ttaaacatgg tggctgtaat aaagttttaa   240
gagaattagt gaaacataaa ctcatagctt gggagcgtac caaaactgtc cagggctatc   300
ggttgacaaa tgcaggatat gattacctag ctttgaaaac actttcttct aggcaagtag   360
ttgagtctgt tggaaaccag atgggtgttg gcaaagaatc agatatttac attgttgcaa   420
atgaagaagg acaacaattt gcattaaagc ttcacagact aggaagaacc tcgtttcgaa   480
atttgaaaaa caaacgcgat tatcataaac ataggcacaa tgtgtcatgg ctatatttat   540
ctcgtctctc tgccatgaag gaatttgcct atatgaaggc attgtatgag aggaaatttc   600
cagttccaaa gccaattgat tacaatcgtc atgcagtggt catggaactc ataaatggtt   660
atccactatg tcagatacac catgttgaag atcctgcatc agtatatgat gaagctatgg   720
aactaattgt caaacttgca aatcatgggc tgattcatgg agattttaat gaatttaatc   780
tcattttgga tgaaagtgac catatcacca tgattgattt tccacagatg gtttcaactt   840
ctcatcccaa tgctgagtgg tattttgaca gagatgttaa atgcattata gatttcttta   900
tgaaacgttt cagctacgaa gtgagctttt tccaactttt aaggatatca ggagagagac   960
actctcgatg                                                         970
```


<210> 9749
<211> 524
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (188)...(526)
<223> similar to gi3687829 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9749
```
atccccacag ggtaatgggt gtcccgatgt cacgggggac tctgtgatcc gtgttcccct    60
gaccctccta gtgcacaact tggccgggct cactgggctc ctgcaccact gcctgtcagg   120
tccgctgcca gccccaagcc ccccaccagc catgagctcc tccagaaagg accacctcgg   180
```

```
cgccagcagc tcagagcccc tcccggtcat cattgtgggt aacggcccct ctggtatctg      240
cctgtcctac ctgctctccg gctacacacc ctacacgaag ccagatgcca tccacccaca      300
ccccctgctg cagaggaagc tcaccgaggc cccggggggtc tccatcctgg accaggacct     360
ggactacctg tccgaaggcc tcgaaggccg atcccaaagc cccgtggccc tgctctttga      420
tgcccttcta cgcccagaca cagactttgg gggaaacatg aagtcggtcc tcacctggaa      480
gcaccggaag gagcacgcca tcccccacgt ggttctgggc cgga                       524
```

```
        <400> 9750
ggcttaaggt tcttggactc tgcatggttc cctttagcct gtcttcgggc ctgccacaat       60
taaatgaccg caagaaagaa gtctatgcta agccccataa tgaacgtttc aagcaagaag      120
gatgagaatt ttagatctgg aagtgtccgc gggacaggat cttgtcaaga cctgatgggg      180
aagttctaga gtgctgccag gttgccagat ttctaagaag gagtttgaag aggagaaaag      240
gattttttgca tgtttagaaa tcaaggttca ggagaatctt gacagtgaat gtgtctcatt     300
acattgaata acagctacag gatgttcgag agctgttctg gcttttctgg attctgtgct      360
tcaccaatag aggaatccca tggagcatta attagttctt gcaattccag aaccatgact      420
gatgggttgg tgacattcag ggatgtggcc atagaattct ctcaggagga gtggaaatgc      480
ctggaccctg ctcagaggac tctatacaga gacgtgatgc tggagaatta taggaacctg      540
gtctccctgg aaaggagaat cacttgaacc caggaggagg aggttgtggt gagccgagat      600
tgcgccattg ccctccagcc tggcaataa cagtgaaaat ctgtctcaaa aagaaaagaa       660
aagaaaaaaa gatatatact cccctaagaa aagaaaaaaa gctatatact cccctcacaa      720
actggggacc tcaagatctc caccctaaaa tagttatttt gaatttcccc ctggcaatgt      780
aaac                                                                    784
```

<400> 9751
```
aatagagatc gtagtccatg tcgaggaact cacaaggtga aagcccatct ctactaaaaa      60
tacaaaaatt agctgggcat gttggtggga gcctgtagtc ccaactactc tggaggctga     120
ggcaggagaa tggcttgaac ctgggaggcg gaggttgcag tgagccaaga tagggcacca     180
ctgcactcca gcctgggcga cagagtgata ctctgtctca aaagagagag agagagaata     240
gccgccacca ttattccccc tagtgacccc actgaactct actgaaaacc ttgcctcatc     300
ctcctgccca cgcctggcca accccactgg gaacagtcat ctgcagggac aagcacaaat     360
tccaccctct gtgctttcca gatggatgat gacaccactc tgtttgttta agaacccgtc     420
tttgattct ctcataattc ctcacactgc ttctgcagaa tttgtttcta actcaagagg       480
gaagaaacag gaagatttct ggctttttctt tagttgcctt aaggtcagct tttcagctgt     540
ggcactgaag gggcttcctg ggaagcaccc aagaaaatga catgggttta ccagacaaga     600
tgtcctgtcc accactggca aagacaggga gtagctattt ctcctatgct gtgcctcaat     660
cttctcaccc ggggaaatgg tgcttccctt cctactttat ggagcactta tgaatatcta     720
actagaagtg aatataaaag ctctttgaac tataacacat gataagctac tcattgtttc     780
agagattacc ccagttttat aagagatgaa tctaaaattt attagcaaaa cttttcctcc     840
ttcaaaatta caaaattatg attttaaata ctcaattact ttgaaaacct ctgggtgtgt     900
tttcttcttt tttactaata ggcatcatct cactgaatca atgatccctg aatgaaaaac     960
tatatgttat tgttatagga atgaaaatgt ttactcagaa aggtattctt tagtcagtct    1020
gatagacaca cattccttag caagtttttat tatgcatatg tttatattct atttggtaat    1080
ttttataact gttttgctat atttacctttt accattcaaa atctgcttta tgtttggacc    1140
agtagaaaaa gtgacatttc tcttattatt ttgagcacgt tgaagaagct gtgtgggctg    1200
tggaagtctt aaaagaatca gatagacccg tggcagttac catgtgcata ggcccagagg    1260
gagacatgca tgatataacc cccggagaat gtgctgtgag gctggtgaag gcaggtaatt    1320
tggacccata ccgtgataca cagctcagtt gttgcttacg aaatttaaca aagtgtgctt    1380
gatattgtga gagcagtttg gaaatagaag aatgaactcc aatcagtttt cttatctgta    1440
aattgtggga ggtggagggg aatggctaac ctctaaggta ccttccaact att           1493
```

<210> 9752
<211> 885
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(407)
<223> similar to gi5764634 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9752
```
agccatggcg actcccgacg tgagtgtgca catggaggag gtggtggttg tgacaactcc      60
ggacactgca gtggacggca gtggtgtgga ggggtgaag accgtgttgg tgacgaccaa     120
cttggcccct cacggggggcg acctgacgga agataacatg gagacagaaa atgcagcggc     180
ggcagctgcc gcggccttca cagcctcctc ccagctcaag gaagccgtgt tagtgaagat     240
ggctgaagag ggggagaacc tggaagctga gattgtgtac cccatcacct gtggagacag     300
cagagccaac ctcatctgga ggaagtttgt gtgtcccggc atcaatgtga aatgtgttca     360
ggtgagcaca ggctgcattc agggcccagg agagaggcct catggcgtct gtgactgctt     420
tgggggtgca gctgtgccaa gtgcatcctg aggcagggtc tccagggctg gggagagtga     480
aggaggtgcg ggaagaacct tcaggaagag gaattcgctg tggccacagt gcactgtggc     540
```

7947

```
agggaggctg gggaggccct cccgctgtgt ggaggaggct gcccctcctg gacaaggagc    600
tttacccagc agatccagtg agagctgctc caaaaaggct gcctctttgg taaggattag    660
gatgagtggg aaaggtcttc tctttctgac aatactgata ggtcaggtgc ccaggctcac    720
ctgtggtgga acagccgaaa atgccagtga agacatttcc ataaagcatc ttacagatgc    780
tgcctcacac gggctaagaa agaggaagtg ctgaggcctg gggacctaat ggtgacagaa    840
ttgagaggca gatggggtgc caagcccagc ttttgccctg agagc                    885
```

```
        <210> 9753
        <211> 522
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (303)...(525)
        <223> similar to gi3387886 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9753
ccgccaattt gaacgcccta ggtttgcccg cctgcaggaa ttcggcacga ggaaatacat     60
aaagttttcc tcttctgcct tggatattta taatgggtat cgggaagtct aaaataaatt    120
cctgccctct ttctctctct tggggtaaaa ggcacagtgt ggatacaagt ccaggatatc    180
atgagtcaga ttccaagaag tctgaagatc tatccttgtg taatgttgct gagcacagca    240
atacaacaga ggggccaaca ggaaagcagg agggagctca gagcgtggaa gagatgtttg    300
aagaagaagc tgaagaagag gtgttcctca aatttgtgat attgcatgca gaagatgaca    360
cagatgaagc cctcagagtc cagaatctgc tacaagatga ctttggtatc aaacccggaa    420
taatctttgc tgagatgcca tgtggcagac agcatttaca gaatttagat gatgctgtaa    480
atgggtctgc atggacaatc ttattactga ctggaaactt tt                       522
```

```
        <210> 9754
        <211> 854
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (35)...(793)
        <223> similar to gi3878934 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9754
tcccgccgct gccatggcgg cagctccgcc gctttccaag gccgagtatc tgaagcgtta     60
cttgtccggg gcagatgccg gcgtcgaccg gggatctgag tccggtcgca agcgtcgcaa    120
```

```
aaagcggccg aagcctggcg gggccggcgg caagggaatg cggattgtgg atgatgatgt      180
gagctggaca gctatctcca caaccaaact agaaaaggag gaagaggaag atgatggaga      240
tttgcctgtg gtggcagagt ttgtggatga gcggccagaa gaggtaaagc agatggaggc      300
ctttcgttcc agtgccaaat ggaagcttct gggaggccac aacgaagacc taccctcaaa      360
cagacatttt cgtcacgata ccccggattc atctcctagg agggtccgtc atggtacccc      420
agatccatct cctaggaagg accgtcatga caccctggat ccatctccta ggagggcccg      480
tcatgacacc ccagatcctt ctcccctcag aggggctcgt catgactcag acacatctcc      540
tcccaggagg atccgtcatg actcctcaga cacttcaccc ccaaggaggg cccgtcatga      600
ttctccagat ccttctcccc caaggaggcc tcagcataat tcttcaggtg catctcctag      660
gagagtccgt catgattcac cagatccctc tcctcctagg cgagcccgtc atggttcctc      720
agatatctct tcccccagaa gggtccataa caactcccct gacacatcta ggaggactct      780
tggctcttca gacacacagc aactcagaag ggcccgtcat gactcccctg atttggctcc      840
taatgtcact tatt                                                       854
```

```
        <400> 9755
        gaatcgacgc acgcgtgcgc agcgctgcca gcgtggaagg agctgcgggg cgcgggagga      60
        ggaagtagag cccgggaccg ccaggccacc accggccgcc tcagccatgg acgcgtccct     120
        ggagaagata gcagacccca cgttagctga aatgggaaaa aacttgaagg aggcagtgaa     180
        gatgctggag gacagtcaga gaagaacaga agaggaaaat ggaaagaagc tcatatccgg     240
        agatattcca ggcccactcc agggcagtgg gcaagatatg gtgagcatcc tccagttagt     300
        tcagaatctc atgcatggag atgaagatga ggagccccag agccccagaa tccaaaaatat    360
        tggagaacaa ggtcatatgg ctttgttggg acatagtctg ggagcttata tttcaactct     420
        ggacaaagag aagctgagaa aacttacaac taggatactt tcagatacca ccttatggct     480
        atgcagaatt ttcagatatg aaaatgggtg tgcttatttc cacgaagagg aaagagaagg     540
        acttgcaaag atatgtaggc ttgccattca ttctcgatat gaagacttcg tagtggatgg     600
        cttcaatgtg ttatataaca agaagcctgt catatatctt agtgctgctg ctagacctgg     660
        cctgggccaa tacctttgta atcagctcgg cttgcccttc ccctgcttgt gccgtgtacc     720
        ctgtaacact gtgtttggat cccagcatca gatggatgtt gccttcctgg agaaactgat     780
        taaagatgat atagagcgag gaagactgcc cctgttgctt gtcgcaaatg caggaacggc     840
        agcagtagga cacacagaca agattgggag attgaaagaa ctctgtgagc agtatggcat     900
        atggcttcat gtggagggtg tgaatctggc aacattggct ctgggttatg tctcctcatc     960
        agtgctggct gcagccaaat gtgatagcat gacgatgact cctggcccgt ggctgggttt    1020
        gccagctgtt cctgcggtga cactgtataa acacgatgac cctgccttga ctttagttgc    1080
        tggtcttaca tcaaataagc ccacagacaa actccgtgcc ctgcctctgt ggttatcttt    1140
        acaatacttg ggacttgatg ggtttgtgga gaggatcaag catgcctgtc aactgagtca    1200
        acggttgcag gaaagtttga agaaagtgaa ttacatcaaa atcttggtgg aagatgagct    1260
        cagctcccca gtggtggtgt tcagattttt ccaggaatta ccaggctcag atccggtgtt    1320
        taaagccgtc ccagtgccca acatgacacc ttcaggagtc ggccgggaga ggcactcgtg    1380
        tgacgcgctg aatcgctggc tgggagaaca gctgaagcag ctggtgcctg caagcggcct    1440
```

```
cacagtcatg gatctggaag ctgagggcac gtgtttgcgg ttcagccctt tgatgaccgc   1500
agcaggtaaa ccaggcttgg tggacatccc ttgcttttgt tctggggctg ctgggtagat   1560
tagcttgccc ttatgatact ccattctcct agagttatta gcagctcttt ttggaggggc   1620
attttctttt cttttgggct aaatttaggt agattagcat tcccatgtaa cttaccagaa   1680
tcagaatgag aattcagaag tcacctgaat tggccgggca tggtggctca cacctgtaat   1740
cccagcacct tgggaggcca aggcaggcag atcatctgag gtcaggagtt cgagaccagc   1800
ctggccaaca tagtgaaatc ccgcccctac taaaaataca aaaaattagc caggcaccct   1860
gtccacagcc cccacacaga ctcgaggggc ccccatctcc tgttctgaac ccaacagggt   1920
ggtcccactg tgggaccaca accaggtatg actgtgtgag aagcaggctc actaccaggc   1980
taccagggag cacaggggag caggcgccac cttgaggcat aaacccagag aaacaagacc   2040
tccaagacgg ccaggcactg gggcacacgc cggtaacaca gcaccgtggg agctgagacg   2100
gaaggatcgc ctgagcccag gattttgaaa ccaccctggg caacacagtg agaccccgta   2160
tctacaaaaa aatacacatt agccaggcat ggcggcatgc gcctggggtc ccaagtactc   2220
gggaggtaga ggagagaaaa atcacttgag cccagagagg tcaaggctac agggagctga   2280
gatcgcatca ctgtactcca gctggggtga aacggcgaga ctctacctca aaaataaata   2340
aatacataca taattaataa ataaaacatc aaagaccagc cgacctaact ccatctaaaa   2400
tacacaactt ctacgcaaaa tataaataaa attagaaaac aaactacaat ctcagaaaag   2460
cactagca                                                              2468


        <210> 9756
        <211> 1885
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1)...(1886)
        <223> n = a,t,c or g

        <220>
        <221> misc_feature
        <222> (299)...(1884)
        <223> similar to gi3947589 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters



        <400> 9756
        tttcgtcccg ccccgcgtgc tggccgcggt aaaagtggta gcagcggagg cgagcggagg   60
        gtttcccgcg gcggagtctc actctgctgc ctaggctgag tgcagtggtg tgatcgaggc  120
        gcactgcagc cttgacctcc tgggctcaag cgatcctcac ctcggcctac cgagtagctg  180
        ggactacagg cacgcgccac tacactcgga tttctgacag tcagacttgt ccacaagaac  240
        tcaactggca aggctgcttt tctgtgctaa aactggggag ctagtgggca ccatgaagat  300
        cttctgcagt cgggccaatc cgaccacggg gtctgtggag tggctggagg aggatgaaca  360
        ctatgattac caccaggaga ttgcaaggtc atcttatgca gatatgctac atgacaaaga  420
        cagaaatgta aaatactacc aaggtatccg ggctgccgtg agcagggtga aggacagagg  480
        acagaaggcc ttggttctcg acattggcac tggcacggga ctcttgtcaa tgatggcggt  540
        cacagcaggt gccgacttct gctatgccat cgaggttttc aagcctatgg ctgatgctgc  600
        tgtgaagatt gtggagaaaa atggctttag tgataagatt aaggttatca acaagcattc  660
        caccgaggtg actgtaggtc cagagggtga catgccatgc cgtgccaaca tcctggtcac  720
        agagttgttt gacacagagc tgatcgggga ggggcgctg ccctcctatg agcacgcaca  780
        caggcatctc gtggaggaaa attgtgaggc cgtgccccac agagccaccg tctatgcaca  840
```

7950

```
gctggtggag tccgggagga tgtggtcgtg gaacaagcta tttcccatcc acgtgcagac    900
cagcctcgga gagcaggtca tcgtccctcc cgttgacgtg gagagctgcc ccggcgcacc    960
ctctgtctgt gacattcagc tgaaccaggt gtcaccagcc gactttacag tcctcagcga   1020
tgtgctgccc atgttcagca tagacttcag caagcaagtc agtagctcag cagcctgcca   1080
tagcaggcgg tttgaacctc tgacatctgg ccgagctcag gtggttctct cgtggtggga   1140
cattgaaatg gaccctgagg ggaagatcaa gtgcaccatg gcccccttct gggcacactc   1200
agacccagag gagatgcagt ggcgggacca ctggatgcag tgtgtgtact tcctgccaca   1260
agaggagcct gtggtgcagg gctcagcgct ctatctggta gcccaccacg atgactactg   1320
cgtatggtac agcctgcaga ggaccagccc tgaaaagaat gagagagtcc gccagatgcg   1380
ccccgtgtgt gactgccagg ctcacctgct ctggaaccgg cctcggtttg gagagatcaa   1440
tgaccaggac agaactgatc gatacgtcca ggctctgagg accgtgctga gccagacag    1500
cgtgtgcctg tgtgtcagcg atggcagcct gctctccgtg ctggcccatc acctgggggt   1560
ggagcaggtg tttacagtcg agagttcagc agcttctcac aaactgttga gaaaaatctt   1620
caaggctaac cacttggaag ataaaattaa catcatagag aaacggccgg aattattaac   1680
aaatgaggac ctacagggca gaaaggtctc tctcctcctg ggcgagccgt tcttcactac   1740
cagcctgctg ccgtggcaca acctctactt ctggtacgtg cggaccgctg tggaccagca   1800
cctggggcca ggtgccatgg tgatgcccca ngcagcctcg ctgcacgctg tggttgtgga   1860
gttcaaggac ctgtggcgga tccgg                                         1885
```

<210> 9757
<211> 606
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (273)...(609)
<223> similar to gi5815139 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9757
```
cgctccgccc gcccggccgt cccgtagccc cgagccccga gccccccgcg ccgggcccgg     60
gcggcagcgg cggcggcggc ggcggcggcg cgcccggccc cctcccccgg cgccggccac    120
gggaggcggt gatgcgggcg cgggcggcct cggctgcgcc gagagcggag acacaggctc    180
aagatggcag attccgactg aggctggggg ggccgagctc gcgcgccgct ttcccgtccc    240
cgttgccatg aaccgcggac accccggccc cgatggcccc cgtgtacgaa ggtatggcct    300
cacatgtgca agtttctcc cctcacaccc ttcaatcaag tgccttctgt agtgtgaaga     360
aactgaaaat agagccgagt tccaactggg acatgactgg gtacggctcc cacagcaaag    420
tgtatagcca gagcaagaac atccccctgt cgcagccagc caccacaacc gtcagcacct    480
ccttgccggt cccaaaccca agcctacctt acgagcagac catcgtcttc ccaggaagca    540
ccgggcacat cgtggtcacc tcagcaagca gcacttctgt cacccggcaa gtcctcggcg    600
gaccac                                                               606
```

<210> 9758
<211> 497
<212> DNA
```

<213> Homo sapiens

<220>
<221> misc_feature
<222> (58)...(174)
<223> similar to gi2589223 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9758
ccggaattcc gggtcgacga tttcgtgggt aatcccggga gcagcccgga gaccagcatg   60
aagaacatgg agaaggaact gctgtgccca gtgtgtcaag agatgtacaa gcagccactg   120
gtgctgccct gtacccacaa cgtgtgccag gcctgtgccc gagaggtctt gggccagcag   180
ggctacatag gacatggtgg ggaccccagc tccgagccca cctctcctgc ctccaccct   240
tccacccgca gcccccgcct ctcccgcaga actctcccca agccagaccg cctggaccgg   300
ctgcttaagt caggtgggac tggggcctgt agggtgggga tgggaacgct gagctattca   360
tcaggaagat ggaagaagtc catcactggt cagaggcatc tgtctgtctt tctggggggt   420
ggagatactg cttacgcagg ctctaatgag agctgagctc tggcacaatg aaaatctaat   480
                                                                    497
ttaattaaac aggcttc

<210> 9759
<211> 802
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (229)...(803)
<223> similar to gi1552275 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9759
aatagtagcc gtggacaggc cctgagttac cgcgtcgacg atttcgtccc tgctgggcaa   60
aggaggaaga gccagaggat ccagacgcct tggaggactt ggaacacctg taacaggaca   120
aggagttctg ctcaggcacg tggccacaga aaactactta ggaagcctgt ggtgagaaca   180
acaacagtgc ctgagaatcc cacggctctg gggaagtgag ccccgaggat gaggctgctc   240
gcctggctga ttttcctggc taactgggga ggtgccaggg ctgaaccagg gaagttctgg   300
cacatcgctg acctgcacct tgaccctgac tacaaggtat ccaaagaccc cttccaggtg   360
tgcccatcag ctggatccca gccagtgccc gacgcaggcc cctggggtga ctacctctgt   420
gattctccct gggccctcat caactcctcc atctatgcca tgaaggagat tgagccagag   480
ccagacttca ttctctggac tggtgatgac acgcctcatg tgcccgatga gaaactggga   540
gaggcagctg tactggaaat tgtggaacgc ctgaccaagc tcatcagaga ggtctttcca   600
gatactaaag tctatgctgc tttgggaaat catgattttc accccaaaaa ccagttccca   660
gctggaagta acaacatcta caatcagata gcagaactat ggaaaccctg gcttagtaat   720
                                                                    780
gagtccatcg ctctcttcaa aaaaggtgcc ttctactgtg agaagctgcc gggtcccagc
                                                                    802
ggggctgggc gaattgtggt cc

<210> 9760
<211> 420
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (211)...(343)
<223> similar to gi3170539 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9760
tttcgtgtgg gagcagggcg agacgggcca ttttcactct gtggtcaaag gaaatgactg   60
gtctgactcg gtctgggagc ggggcaccca gggtctaagg ataactctgg ggccatgaca   120
gccatgagtc tcacagagga ccccgagact tctgtgctgc gagtaaccgg acttgttctg   180
agacctttgc cctagaggat ggccaagggg ctcctggtga cctatgccct ctgggctgtg   240
ggggccctg ctgggctcca ccacctgtac ctgggaaggg acagccacgc cctgctctgg   300
atgctgaccc tgggggggagg tgggctgggc tggctctggg agttctggaa gctcccaagc   360
tttgtagctc aggccaacag agcccaggga cagaggcaga gccccagagg ggtgacaccc   420

<210> 9761
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (128)...(452)
<223> similar to gi164070 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9761
tttcgtcgga gcctgcgcgg ggccggtagg atcgcgtcgg gagccggtac cgaggcccga   60
gccgcgggag tcgagcgaag acagcgccga ggccgcggtt tccccctggg cctccccagc   120
agcagccatg ggcatcaaat ttttagaagt tatcaaacca ttctgtgcag ttctaccaga   180
aattcagaaa ccggaaagga aaatccagtt tagagagaag gttctgtgga ctgctataac   240
gctcttcatt ttcttagtgt gttgtcagat cccactgttt ggaatcatgt catcagattc   300
tgcagatcct ttctactgga tgagagttat tctggcttcc aatagaggaa ctttaatgga   360
attgggtatc tccccaattg taacatctgg tttgattatg cagttgttag ctggagccaa   420
aatcattgaa gttggagata caccgaaaga   450

<210> 9762
<211> 924
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(925)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (664)...(924)
<223> similar to gi4731582 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9762
```
tttcgtgtaa gatataactc aactttgaaa atgtcagccg ttatagttga agaaatctga      60
cccaagagac ttcgctccgc tgcaagatgg aaggaagctt aagtaagaca taaatttgta     120
atgaacttgc tcacaacatc cgccgccact gtgacttgca gtcatcatcc attaccacaa     180
aattagttgc aggatggcta ctcgtatccc tccacacatg atcatcagta tttgcctcct     240
gtgtcccaac cggcctgagt caaggttacg actcactgat taaaaagagg gactttttca     300
aatactttgc acttttgatt gtgtattatg gataccaagg aagagaagaa ggaacggaaa     360
caaagttatt ttgctcgact gaaaaagaaa aaacaagcca aacaaatgc agagacagcc      420
tcagctgtag ctacaaggac tcatactggg aaggaagata ataatacagt agtttttagag    480
ccagacaagt gcaacattgc tgtggaagag gaatatatga ctgatgagaa aaaaaagaga     540
aaaagtaatc agttaaagga gatcaggcgt acagaactaa agagatatta tagtattgat     600
gacaatcaaa acaaaacaca tgataaaaaa gagaagaaga tggtggttca gaagccccat     660
gggactatgg aatacactgc tggaaaccag gacaccctaa actccatagc actgaaattt     720
aacatcactc ccaataaatt ggtggaactg aataaacttt tcacacatac tattgttcca     780
ggccaggtcc tttttgtgcc agatgccaac tctccttcca gtaccttaag gctatcatca     840
tccagtcctg gtgctactgt ctctccttca tcatnagatg cagaatatgn taattggctg     900
atgctgactt agcacggaag gctt                                           924
```


<210> 9763
<211> 679
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (123)...(682)
<223> similar to gi3080397 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9763

```
tttcgtgctg  tggcgcgcgg  ccggcagagg  gaggggagag  gccactgggg  ccgtgttagt       60
ctgccggtgg  ggactcttgc  agggccgtcc  ccatgttgcg  ttttccgacc  tgtttcccat      120
ccttccgggt  ggtgggagag  aagcagctcc  cgcaggagat  tattttcctg  gtctggtcgc      180
ccaagcggga  tctcattgct  ttggccaaca  cagctggcga  ggttttactt  catcgactgg      240
caagttttca  tcgagtttgg  agttttccac  caaatgaaaa  tacaggaaag  gaggtgacgt      300
gtctggcatg  gagaccagat  ggcaaacttt  tggcctttgc  tcttgctgat  accaagaaaa      360
ttgttttgtg  tgatgtagaa  aaacctgaga  gcttacactc  tttttctgtg  gaggctccag      420
tttcctgtat  gcattggatg  gaagtgacag  tagaaagcag  tgttctcaca  tcattttata      480
atgctgagga  tgaatcaaat  cttctcttac  ctaaactacc  tacactgcca  aaaaactata      540
gcaacacctc  aaaaatattt  agtgaagaaa  attctgatga  aattattaag  ctcttgggag      600
acgtcaggct  taatattctc  gtccttggag  gaagctctgg  atttattgag  ctttatgctt      660
atggaatgtt  taaaattgc                                                      679
```


          <210> 9764
          <211> 429
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (102)...(393)
          <223> similar to gi625119 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters

          <400> 9764
```
agctctggca  gaggactgtt  ccactagaca  cgctgaaggg  actgggtacg  tgttttcctt       60
caggaccaga  gctgagagga  gctgggatcg  cggcggcaat  ggaacgggcc  tcagaaaggc      120
gcacggccag  cgcgcttttt  gcggggttcc  gggccttggg  acttttcagc  aacgacattc      180
cacacgtggt  gcggttcagc  gcgctcaagc  gccggttcta  tgtaacaacc  tgcgtgggca      240
agagtttcca  cacctatgac  gttcagaaac  ttagtctggt  tgcagtaagt  aattctgttc      300
cacaggatat  ctgctgtatg  gcagctgatg  gcagattagt  ctttgctgct  tatggaaatg      360
ttttctctgc  atttgcccgt  aataaagaga  tagtacatac  ctttaagggt  cataaggcag      420
aaatccatc                                                                 429
```


          <210> 9765
          <211> 506
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (105)...(509)
          <223> similar to gi5816654 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters
```

<400> 9765

```
cgcctgtgtt tgctctcggg ccctccctga cgcctggatc tgggagctgc cacccccgacg      60
atcgacaaga ccatgctggc aagtctgaag gtcaaaagca ggagctggcc aacagctcgg     120
atgcgaccct cccagaccgg ccgctctccc ctcctctcac ggcacctccc accatgaagt     180
cgtcggagtt ctttgagatg ctggagaaaa tgcaggggat caagcttgaa gagcagaagc     240
cgggacccca gaagaacaag gacgactata tcccataccc cagcatcgac gaggttgtgg     300
agaagggagg cccgtaccct caggtcatcc tgccacagtt tgggggctat tggatcgagg     360
acccggagaa cgtgggcacc ccaacatcgc tggggagcag catctgtgag gaggaggaag     420
aggacaacct cagccccaac acatttggct acaagctcga gtgcaagggt gaagccaggg     480
cctaccggag gcacttcctg gggaag                                         506
```

<210> 9766
<211> 1078
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (956)...(94)
<223> similar to gi2104451 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9766

```
tttttttttt ttatatttaa aacatttatt ttattataca tatttaaatt ttagaaagtt      60
attaggtaga tgtacattcc tctgttgctt tactttgatc ttcagttacc attttccgag     120
atctttccaa tagcttatcc catattgtaa aatgtgctct taagtgaaca ggtaaagaca     180
caccctggaa tcttcgtatg agacttggct gggtgggttg aagattgtga actgctgaca     240
cttcatactg gaaacaaata cttgttcttg gaataagagg gccctcactc acatcaatga     300
agtcacctat tctgtgtagc ttgactattc tctcagggtt ctgagatgcc ttctcttcta     360
tgaaatctac tttgtacttg ctgtgttgaa atatttccaa tgccactttt gcttcaactt     420
ccagagtttc aaatggaaga tctttataaa ttaaagcatg agcatccttt gtgaaggaac     480
gtaagttctc ttttgttggc atccactcat caagtttgct atccaaaact acgtcataac     540
agaaggcacc agaaattaca ggaacttctg gagctctgac caaattgacc atatattcat     600
ctttgaatgc cctctctatc acacagccca tcatcatagc acaggaacgc caatatgcct     660
tattcacttc tcctggatca caatctttga aagtaagaaa tttaatttca caggactttg     720
ttaaaggctt atacatgtcc caaggctgtc catccaccag agccagaatg gacttcctgc     780
aataccactc gcttaaatgc atggcacaac tgtagggagt tgaaatgttt ttattcatca     840
cgaagacagt accggggtca gtttttccca catgcttaac ttctatcttc tcagttcggg     900
gagttaatga taactgcctg gctttctctt tattaaagag atcattccgc atttctgtca     960
attctgtcgg tgacagctga gaagctggcg atgttgctat aaatctccat ttgatcccgc    1020
caccgggtgc gaccagccag agccgcagcg cccgggaacc catggccagc gcctccat      1078
```

<210> 9767
<211> 425

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (39)...(428)
<223> similar to gi3702174 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9767
ctgcgggcgg aggagcggcc atgccgccgc ggcgcatcat cgtggaggtg aaggtgctag   60
acgtgcagaa gcggcgggtg cccaacaagc attatgtcta catcatccgg gtcacgtggt   120
ccagcggctc caccgaggcc atttaccggc gctacagcaa gtttttttgac ctccagatgc   180
agatgttgga caaatttccc atggaaggag gacagaagga ccccaagcag cggatcatcc   240
cctttctgcc aggtaagatt ctcttcagac gaagccacat ccgggacgtg gctgtcaaac   300
gcctgatacc aattgatgaa tactgtaagg ccctcatcca gctgcccccc tacatctctc   360
agtgtgatga ggtgctgcag ttctttgaga caagacctga ggacctgaat cccccaaag   420
aggag   425

<210> 9768
<211> 585
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(341)
<223> similar to gi806856 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9768
cccacgcgtc cggaagaaga tggcggcccc tgtagtggcg ccgcctggtg tggtggttag   60
tcgggctaac aagcgcagcg gcgcggggcc gggaggcagc ggtggcgggg agccagagg   120
ggcggaggag gaaccgccgc cgcccctaca agcagttctg gtggccgata gcttcgatcg   180
ccgcttcttc cccatctcca aggaccagcc tcgggtcctc ttgcccctgg ccaatgtggc   240
attaattgac tacactctgg aattcctgac tgccacaggt gtacaggaaa catttgtctt   300
ttgttgctgg aaagctgctc aaatcaaaga acatttactg taaggccctg caacttttct   360
ttccatgttt cgccatcttt ttccagtttt ttcaggatga atgtaactaa ggggaaatgt   420
gagaggggaa aaatgtgtct acttagatgt cattgtaagt tctaagggta ttttctacac   480
ttatcaggag gtgagcagct gaaactttgt atctgtctgt cttgggtttt ctgtgacaaa   540
gattaaagaa taaacttggg ttttttctga atctcaaaaa aaaaa   585

<210> 9769

<211> 1014
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (182)...(1016)
<223> similar to gi1196814 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9769
ccggaattcc cgatcgacga tttgtagtca ctgcgggcga ggaggctggg gtcaccttag   60
ccggagcccc ctccttggcg ggggcgtccg gcaccacctc agtgaggccg cggcgcaggg   120
cagagagacg ccacacagcc accagccgca gcaccaggat catgattcat cagaaagtgg   180
catgctgtcc cgcctgggtg atttgctctt ttacactatt gctgaaggac aggaacgaat   240
ccctatccac aagttcacca ctgcactaaa ggccactgga ctgcagacat cagatcctcg   300
gctccgagac tgcatgagcg agatgcaccg cgtggtccaa gagtccagta gtggtggcct   360
cttggaccga gatctcttcc gaaagtgtgt gagcagcaac attgtgctcc tgacccaggc   420
attccgaaag aagtttgtca ttcctgattt tgaggagttc acgggccatg tggatcgcat   480
ctttgaggat gtcaaagagc tcactggagg caaagtggca gcctacatcc ctcagctggc   540
caagtcaaac ccagacctgt ggggtgtctc cctgtgcact gtggatggtc aacggcactc   600
tgtgggccac acaaagatcc ccttctgcct gcagtcctgt gtgaagcccc tcacctatgc   660
catctccata agcaccctag gcactgacta cgtgcacaag tttgtgggca agagccaag   720
tggcctgcgc tacaacaagc tctccctcaa tgaggaagga atcccccata accccatggt   780
caatgctggt gccattgttg tcagctccct gatcaagatg gactgtaaca aagcagagaa   840
gtttgatttt gtgttgcagt atctcaacaa aatggctggg aatgaataca tgggtttcag   900
caatgccaca ttccagtcag agaaggaaac aggggatcgg aattatgcca tcggctatta   960
tctcaaggaa aagaagtgct ttcctaaggg ggtggacatg atggctgccc ttga   1014

<210> 9770
<211> 492
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (98)...(488)
<223> similar to gi310102 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9770
attggctgcc ggcgtgactt tgaccgcttc ccggtgcgtt accggcagct gaacccaccc   60
ggcgccacgg gactttgacg cgtgctctgc gcttgccatg agactcctgg gagctgcagc   120
cgtcgcggct ctggggcgcg gaagggcccc cgcctcccta ggctggcaga ggaagcaggt   180
taattggaag gcctgccgat ggtcttcatc aggggtgatt cctaatgaaa aaatacgaaa   240
tattggaatc tcagctcaca ttgattctgg gaaaactaca ttaacagaac gagtccttta   300
ctacactggc agaattgcaa agatgcatga ggtgaaaggt aaagatggag ttggtgctgt   360

```
catggattcc atggaactag agagacaaag aggaatcact attcagtcag cagccactta      420
caccatgtgg aaagatgtca atattaacat tatagatact cctgggcatg tggactttac      480
tatataaagt gc                                                          492
```

```
<210> 9771
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (113)...(421)
<223> similar to gi485123 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters
```

```
<400> 9771
tatttcgtgg gagcccagga tggaggtggc ggtcgcggcg gcgggccgag ccctgcggcg      60
ggcgggagga ggtgagcacc aggcccactg agcctctgca gagccaccag ccatgcccgg     120
gatcgtggtg ttccggcggc gctggtctgt gggcagtgat gacctcgtcc taccggccat     180
cttcctcttt ctcctgcata ccacctggtt tgtgatcctg tccgtggtgc tcttcggcct     240
ggtctataac ccgcacgagg cctgctccct gaacctggtg gaccacggcc gcggctacct     300
gggcatcctg ctgagctgca tgatcgctga gatggccatc atctggctga gcatgcgcgg     360
gggcatcctc tacacggagc cccgtgactc catgcagtac gtgctctacg tgcgcctggc     420
ca                                                                    422
```

```
<210> 9772
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (73)...(444)
<223> similar to gi2832906 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters
```

```
<400> 9772
accggattcc ggtcgacgat ttcgtcggaa gcaggaagtg agtttgcgaa cggagctgct      60
gctgcagggc ccatggcgga cacccagtac atcctgccca atgacatcgg cgtgtctagc     120
ctggactgcc gtgaggcctt ccgcctgctg tcacccacag agcgcctcta tgcctaccac     180
ctgtcccgtg ccgcctggta cggaggcctg gctgtgctgc ttcagacctc ccctgaggcc     240
ccctacatct atgctctgct cagccgcctc ttccgcgccc aggaccccga ccagctgcgc     300
caacatgccc tggctgaagg ccttaccgag gaggagtatc aggcgttcct ggtctatgcc     360
```

```
gcgggtgttt actccaacat gggcaactac aagtcctttg gtgacaccaa gtttgttccc      420
aacttgccca aggaaaagct ggc                                             443
```

```
          <210> 9773
          <211> 696
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (210)...(465)
          <223> similar to gi4589588 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters
```

```
          <400> 9773
tttcgtgaag tgcggcaccc agaggcggtc ttgtagctgg gccagcctgg ggcttggttg       60
tatgtccctg cgggtcggtg cgagggcgaa gaggaacccg tgggcccggg ggatcccggg      120
gggccggacc agtgttcccc agttgtggga gcagacgcgt gggcgcatcg cgggcgggca      180
gggcctgaag tgcagctatg tttccagtgt tctctggctg tttccaagag ctacaagaaa      240
agaataaatc tctggagttg gtgtcctttg aggaggtagc tgtgcacttc acctgggagg      300
agtggcagga cctggatgac gctcagagga ccctgtacag ggacgtgatg ctggagacct      350
acagcagcct ggtatcattg gggcattgca ttaccaaacc tgagatgatc ttcaagctag      420
agcaaggagc agagccatgg atagtagaag aaaccctaaa cctgagactt tcaggtggaa      480
gcaagaagca agttttctca ggtatttgcc acaggagcct ggtggagctc caagaggttc      540
atttggtctg atggattcat gtaccattga aattctgata gtttcaaaat cttttatctc      600
caggtttgag ctctcttgtg aactctggaa ctgtattccc aactgtcaat tggacatccc      660
tacgcatggg acctcagata tttcacacat gatgtg                                696
```

```
          <210> 9774
          <211> 549
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (150)...(552)
          <223> similar to gi3220154 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters
```

```
          <400> 9774
tttcgtccca ggccgccgcg ctgccgcccg gcctccccgt cagcgcgcca ccatgggcag       60
tccccggttt ccccttgtaa agatggcggt gagggatcgc tgcaaccttt agactaatga      120
ctgtccgaaa catcgcctcc atctgtaata tgggcaccaa tgcctctgct ctggaaaaag      180
```

```
acattggtcc agagcagttt ccaatcaatg aacactattt cggattggtc aattttggaa    240
acacatgcta ctgtaactcc gtgcttcagg cattgtactt ctgccgtcca ttccgggaga    300
atgtgttggc atacaaggcc cagcaaaaga agaaggaaaa cttgctgacg tgcctggcgg    360
acctttccaa cagcattgcc acacagaaaa agaaggttgg cgtcatccca ccaaagaagt    420
tcatttcaag gctgagaaaa gagaatgatc tctttgataa ctacatgcag caggatgctc    480
atgaattttt aaattatttg ctaaacacta ttgcggacat ccttcaggag gagaaaaaac    540
aggaaaaac                                                           549
```


```
        <210> 9775
        <211> 769
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (351)...(553)
        <223> similar to gi4761644 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```


```
        <400> 9775
ccgggaaaga tggcggcgtc tgtggtttga attccagcgg cgccgccaga gtctgaacaa     60
gagctggggt ggaggggcg gggacctggg gagcccggcg ggtcgctatc gcggggggta    120
ctagtggcgc cgccgccaca gacaccaacg ccgtcgccac ctctgtatcc atgatggact    180
tggtgttgga agaggacgtc accgtccctg ggacgctcag cggctgcagt ggccttgttc    240
ccagtgtacc agatgacctg gatggcatca accccaatgc tgggttggga aatggtctgc    300
tcccaaatgt gtcagaagaa acagtgtctc ccaccagagc acggaacatg aaggactttg    360
aaaatcaaat cactgaattg aagaaagaaa actttaacct aaagctccgc atctatttcc    420
ttgaggaaag aatgcaacag gaatttcatg gccccactga acatatctac aaaactaaca    480
ttgagctcaa ggtggaagta gaaagtctga agcgggaact ccaggagaga gagcagctgc    540
tcatcaaagc ctcgtgagta ccatcatccg ttgaaagctt gcaagtcgcc cacactgggt    600
tggtcagtga aatagagccg tacacttttc taagacagtt ggtttccatc tggactctga    660
ggactgcaag gagggttttg tttttactta attatttact tttcaacaag cttttaagat    720
ataccatgct tatagaaaaa tgaacagatc ttaagtgtac agcgtgaat              769
```


```
        <210> 9776
        <211> 413
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (249)...(416)
        <223> similar to gi2689441 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9776
tttcgtgttc accttcaggc tgagtcgaga ctgaggtgaa aaagcggaaa aacgcgagaa      60
aaggtttccc cgttgtacag aggctagagt gaggctcggc tgaatcggtt gcaggcgttg     120
gtgcctctgt cagcgtccag gtcactgccg ctcccgcccc gctcttccct ggctgtgctg     180
gcggaggctg cgccgatgaa cctgactgag ggttcatagc agtggcagca atgcttatgg     240
atgctggaca ggattatatg gtttttgagg acgtggccat acatttctcc caggaggagt     300
ggggaattct taatgacgtt cagagacacc tgcacagcga tgtgatgctg gagaactttg     360
cacttttgtc ctcagtaggt tgttggcatg gagccaagga tgaggaggca cct            413


        <210> 9777
        <211> 525
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (271)...(526)
        <223> similar to gi217584 in the genepept database release 114,
          Run with FASTXY 3.3t00, default parameters


        <400> 9777
tttcgtggaa taatggaact cttaagtgag aagtcgaaat agcaaacacc gctggctgcc      60
aacagcacac tgtgccatta acctttcata tgaagtcatt ggaagataac tgaattatat     120
ttccttgggc ggattttttt ttaagaagag tgatttcttc tgacttgagc ctgcagtgtg     180
ctgtgagaga tctaccacta gattatctca actttggtct cctgggacca ctcgttgctg     240
acagtcagaa actgaattct tgccgccagg atggggaaac agaacagcaa gctgcgcccg     300
gaggtcatgc aggacttgct ggaaagcaca gactttacag agcatgagat ccaggaatgg     360
tataaaggct tcttgagaga ctgccccagt ggacatttgt caatggaaga gtttaagaaa     420
atatatggga actttttccc ttatggggat gcttccaaat ttgcagagca tgtcttccgc     480
accttcgatg caaatggaga tgggacaata gactttagag aattc                     525


        <210> 9778
        <211> 437
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (6)...(437)
        <223> similar to gi961444 in the genepept database release 114,
          Run with FASTXY 3.3t00, default parameters
```

<400> 9778

```
tgtcgtgcaa tatggcggag gcggaagggg aaagcctgga gtcctggctc aataaagcca      60
ccaatccttc caaccgccag gaggactggg aatacataat tggcttctgt gatcagatca     120
acaaggagct ggaagggcca cagatcgccg tccgactgct ggcccacaag atccagtccc     180
cacaggaatg ggaggcgctc caggccctga cggtgctgga ggcatgcatg aagaactgtg     240
ggaggagatt tcataacgaa gtggggaagt tccgcttttt gaatgagtta atcaaagtcg     300
tctctccaaa gtacctgggg gacagggtgt ctgagaaagt gaagaccaag gttattgagc     360
tgctgtacag ctggaccatg gccctgccag aagaagcaaa gatcaaagac gcctaccaca     420
tgctgaagag acaggct                                                    437
```

<210> 9779
<211> 1317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (346)...(892)
<223> similar to gi162981 in the genepept database release 114,
   Run with FASTXY 3.3t00, default parameters

<400> 9779

```
gggtcagtag gaagccgcgg ggtggtggcg agagaggacc caggtgtcct ggcagtgggc      60
gccgcggggc acacgctggg ccaaggtgca ggcggccagg gtgggagact gttcgccccg     120
ccctgagtac tcctatcttg tttctccacc tgttcgggag ttggagatgt gcacctaaag     180
gaggcgcatc tggggacgga cacatctggc actgaggccc tcgccacctg cctcgccacc     240
tggcgaccct gaccccacca cactgccttg agagtcgctc aaaagtaggg ccccagggct     300
cgcagcagca tgggcaccga gaaagaaagc ccagagcccg actgccagaa acagttccag     360
gctgcagtga gcgtcatcca gaacctgccc aagaacggtt cttaccgccc ctcctatgaa     420
gagatgctgc gattctacag ttactacaag caggccacca tggggccctg cctggtcccc     480
cggcccgggt tctgggaccc cattggacga tataagtggg acgcctggaa cagtctgggc     540
aagatgagca gggaggaggc catgtctgcc tacatcactg aaatgaaact ggtggcacag     600
aaggtgatcg acacagtgcc cctgggtgag gtggcagagg acatgtttgg ttacttcgag     660
cccctgtacc aggtgatccc tgacatgccg aggcccccag agaccttcct gagaagggtc     720
acaggttgga aagagcaggt tgtgaatgga gatgttgggg ctgtttcaga gcctccctgc     780
ctccccaagg aaccggcacc cccaagccca gagtcccatt cacccaggga cctggactcc     840
gaggttttct gtgattccct ggagcagctg gagcctgagc tggtttggac agagcagcgg     900
gcagcatctg gaggaaagcg tgatcccagg aacagccccg tgcccccac aaagaaagag     960
gggttgcggg gcagcccgcc ggggccccag gagttggacg tgtggctgct ggggacagtt    1020
cgagcactac aggagagcat gcaggaggtg caggcgaggg tgcagagcct ggagagcatg    1080
ccccggcccc ctgagcagag gccgcagccc aggcccagtg ctcggccatg gccccttggg    1140
ctcccggggc ccgcgctgct cttcttcctc ctgtggccct tcgtcgtcca gtggctcttc    1200
cgaatgtttc ggacccaaaa gaggtgactg tcagtggagg ggtctctgca gccaactgag    1260
actatcttgc tgtgccctga gccttcctag ggtttagaag aacagcattc aaaattc       1317
```

<210> 9780
<211> 601
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (199)...(602)
<223> similar to gi3925714 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9780
cgacgctgtc gtcgcgcggg tgtgagcgtg tgtccgagcg cgagtttgtg tgcgtttggc   60
gggcgggcac tgcagcttgt tcctccgtgg agcggagagc gagacagagc tacagcgaac   120
gagagagcgg cgaaggcggg tagaggggcg cgggcgaggc ggcgcaacca tccccggacc   180
aggggccgcg ccgccaccat gctaaacaac ctgacggact gcgaggacgg cgatggggga   240
gccaacccgg gtgatggcaa ccccaaggaa agcagtccct tcatcaacag caccgacaca   300
gagaagggaa aggagtatga tggcaagaac atggccttgt ttgaggagga gatggacacc   360
agccctatgg tgtcctcctt gctcagtggc ctggccaact acaccaacct gccccaggga   420
agtagggagc atgaagaggc agaaaacaat gagggtggaa aaaagaagcc ggtgcaggcc   480
ccacgcatgg gcaccttcat gggcgtgtac ctgccgtgcc tgcagaacat ctttggcgtc   540
atcctcttac tgcggctcac ctgggtggta ggcattgcag gcatcatgga gtccttctgc   600
a   601

<210> 9781
<211> 878
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (79)...(747)
<223> similar to gi5616320 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9781
gcgcggggcc ctgcggtagc ctcaggcccc tcccctggac ccgccgcaga gccagtgcag   60
aatacagaaa ctgcagccat gaccacgcac gtcaccctgg aagatgccct gtccaacgtg   120
gacctgcttg aagagcttcc cctccccgac cagcagccat gtatcgagcc tccaccttcc   180
tccatcatgt accaggctaa ctttgacaca aactttgagg acaggaatgc atttgtcacg   240
ggcattgcaa ggtacattga gcaggctaca gtccactcca gcatgaatga gatgctggag   300
gaaggacatg agtatgcggt catgctgtac acctggcgca gctgttcccg ggccattccc   360
caggtgaaat gcaacgagca gcccaaccga gtagagatct atgagaagac agtagaggtg   420
ctggagccgg aggtcaccaa gctcatgaag ttcatgtatt ttcagcgcaa ggccatcgag   480
cggttctgca gcgaggtgaa gcggctgtgc catgccgagc gcaggaagga ctttgtctct   540
gaggcctacc tcctgaccct tggcaagttc atcaacatgt ttgctgtcct ggatgagcta   600
aagaacatga agtgcagcgt caagaatgac cactctgcct acaagagggc agcacagttc   660

                                  7964

```
ctgcggaaga tggcagatcc ccagtctatc caggagtcgc agaacctttc catgttcctg      720
gccaaccaca acaggatcac ccaggtgagg gcagactcct tgttaggcct ggcctgatgt      780
ctcggggtta taggcaggcg tgtagaggtt gggtggacca cgagcccaag cagacaagct      840
cagtctgcag cttccatctc cactgcccta cttgagag                              878
```

```
        <210> 9782
        <211> 445
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (123)...(445)
        <223> similar to gi3877544 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9782
tttcgtgccg ccgggaggga gggcgggcgg cgcgagtggg cgcgggcccg gtgggccagg       60
ctccagggag cagtgtcagg gccagggaga cgatggtctc cgtgactatg gccacttccg      120
agtggatcca gttctttaag gaagccggca ttcctccagg acctgccgtc aattatgccg      180
tgatgtttgt ggataatagg attcagaaga gcatgctgct ggatctcaat aaggagataa      240
tgaatgagct gggcgtgacc gtggtgggtg acatcatcgc cattctcaag catgccaaag      300
tggtgcaccg tcaggacatg tgcaaagctg ccactgagtc agtaccctgc agccctagcc      360
cccttgcagg cgaaattcgc cgtggcacca gtgctgcctc ccgaatgatc accaacagcc      420
tgaaccatga ctctccaccc agcac                                           445
```

```
        <210> 9783
        <211> 633
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (443)...(623)
        <223> similar to gi4164385 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9783
tttcgtgccg tccccctgct ggggacagca gttgggtcca gcagagagct ggctgggggc       60
ttgacaggag tttatcctaa ctgatgctgg gtgggcgcag gccctgagat gggcgtcagg      120
gagaggggac gccagacaca cggcctgagc agggtgagga gcagctgcca gccccggcag      180
gcccaggccc tgtctgggtg cacaggacag agacacagca agatgcccag ggagtgccgc      240
ttcctgggct agagacaagc accagcctgc agtggagaac gcaggacccc gctgcccaga      300
```

```
aggagcagcc acggcctgcg gaggactggc ccagcaaggt cccaggtctt ccctctcctc      360
agcgcctaag agggaggccc agtgcgggtg aggagtcgcg aggaagaggc ggaaggcgcc      420
ggaaggcacc atgttccgca agaaaaagaa gaaacgccct gagatctcag cgccacagaa      480
cttccagcac cgtgtccaca cctccttcga ccccaaagaa ggcaagtttg tgggcctccc      540
cccacaatgg cagaacatcc tggacacact gcggcgcccc aagcccgtgg tggacccttc      600
gcgaatcaca cgggtgcagc tccagcccat gaa                                  633
```

```
        <400> 9784
ctttcatact gcctcctccc ttgttttttct gtctcagaga gatagtctgt cctaaatatc      60
ccatgtagcc caggccactg aattaaaacg gagcgtattc gttctctgcc ccaccccgca     120
actcctgaaa gcggcgcaac tcaattactt gatccttata tgccccacgc gggactcata     180
ctacgtttcc cgtgaacacg tgcagtccaa accccgcccc tgatatttat ctcagtggac     240
ggtggccgga aaaggacaat ggtttccatg tcagcggata aacgctctcc cctcggctcc     300
cggacgcgac ggaggtcgta gtagtagtga gtacgtgctg aggagcaaag gagtaaccaa     360
gagatccagt gaccgacaga gcaagagcca tgccgcgccg gggcctggtg gctgggccag     420
acttggagta ttttcagcgt cactatttca cgccggcgga ggtggcccaa cataacaggc     480
ccgaagacct ctgggtatct tacctgggac gcgtgtacga cctaacgtca ttggcacagg     540
aatacaaggg gaacctgctg ctgaaaccca tcgtggaagt tgcaggccag gatatcagcc     600
actggtttga tccaaagacc agagacgtga gttatgctgg aacctgggat tgtgggtaga     660
ggaaatggag agcggggatg ggaaggaaag gcggaggcta gccagagcct aatggctgct     720
ctgacaccct cgccccaaac cctcctttaa agatccgcaa gcacgaattc caccacatgg     780
nataagggtc gtcaatgnnn nnnnaagggg natcaanccc c                         821
```

<400> 9785

```
tttcgtgcga aggcgggcgg cagaggcgat cagaagtttc caagggtcac ttgtgtctcg      60
tccgtgggaa gaccggggga gcccagaagg ccttggtgtg gaattctgag agctgattcc     120
tgccttgtct tctccactgt tcctggagga atccgagaag agcagagcgg agggagcccc     180
agacacggtc cgcgggagag ctgtggggct tggtgagtgt ttcgtggcct ctcgggttgg     240
tcagcacccc cagccagctg gcccaggacc cctctacaga agtccaggag agcaggcgtc     300
accaagatgt ccaacccctt cctgaagcaa gtcttcaaca aggacaagac attccgcccc     360
aagcgcaagt ttgagccagg cacccagcgc ttcgagctgc acaagaaggc gcaggcgtcg     420
ctgaacgccg ggctggacct gcggctggcc gtgcagttgc ccccgggcga ggacctgaac     480
gactgggtgg ctgttcacgt ggtggacttc tttaaccgcg tcaacctcat ctacggcacc     540
atcancgacg gctgcacgaa ca                                             562
```

<400> 9786

```
ccggaactcc cgggtcgacg atttcgtgcc gggggcagct gtctgtctgg ctccttttga      60
cagcccccag tgcgaaaggc tgccagcatg tcatcagtga gccccatcca gatccccagt     120
cgcctcccgc tgctgctcac ccacgagggc gtcctgctgc ccggctccac catgcgcacc     180
agcgtggact cggcccgcaa cctgcagctg gtgcggagcc gccttctgaa gggcacgtcg     240
ctgcaaagca ccatcctggg cgtcatcccc aacacgcctg accccgccag cgacgcgcag     300
gacctgccgc cgctgcacag gattggcaca gctgcactgg ccgttcaggt tgtgggcagt     360
aactggccca gccccacta cactctgttg attacaggcc tatgccgttt ccagattgta     420
caggtcttaa aagagaagcc atatcccatt gctgaagtgg agcagttgga ccgacttgag     480
gagtttccca acacctgtaa aatgagggag gagctaggag aactatcaga gcagttttac     540
aaatatgcag tacaattggt tgaaatgttg gatatgtctg tccctgcagt tgctaaattg     600
agacgtcttt tagatagtct tccaagggaa gctttaccag acatcttgac atcaattatc     660
cgaacaagca acaaagggaa actccagatt ttagatgctg tgagcctaga ggagcggttc     720
aagatgacta taccactgct tgtcagacaa attgaaggcc tgaaattgct tcaaaaaacc     780
agaaaaccca agcaagatga tgataagagg gttatagcaa tacgccctat taggagaatt     840
```

```
acacatatct caggtacttt agaagatgaa gatgaagatg aagataatga tgacattgtc      900
atgctagaga aaaaaatacg aacatctagt atgccagagc aggcccattg tatt            954
```

```
          <210> 9787
          <211> 723
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (172)...(724)
          <223> similar to gi619577 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters
```

```
          <400> 9787
tttcgtggac cagctctgct ccttgcaccc cgctccctgc ctggacacag gctcactcgc       60
tgccttcttc tgggggaaac cagcttcttg ccagccacag ctgctgcctc cgccactggc      120
caccgcccct gtcctgggag tcccttggcc cagacaccca cctgacttag tggctcctct      180
gcaggaaagg tggctgcccc ctgcgttcct ccatccaacc atgagctggt gcccatcacc      240
actgagaatg caccaaagaa tgtagtggac aagggagaag gagcctcccg gggtggaaac      300
acacggaaaa gcctcgagga caacggctcc accagggtca ccccgagtgt ccagccccac      360
ctccagccca tcagaaacat gagtgtgagc cggaccatgg aggacagctg tgagctggac      420
ctggtgtacg tcacagagag gatcatcgct gtctccttcc ccagcacagc caatgaggag      480
aacttccgga gcaacctccg tgaggtggcg cagatgctca agtccaaaca tggaggcaac      540
tacctgctgt tcaacctctc tgagcggaga cctgacatca cgaagctcca tgccaaggta      600
ctggaatttg gctggcccga cctccacacc ccagccctgg agaagatctg cagcatctgt      660
aaggccatgg acacatggct caatgcacac cctcacagat gtcgtgttct acacaacaag      720
gga                                                                    723
```

```
          <210> 9788
          <211> 426
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (17)...(119)
          <223> similar to gi2655053 in the genepept database release 114,
             Run with FASTXY 3.3t00, default parameters
```

```
          <400> 9788
tttcgtctgc agcaagatgg cggcggtctc aatgttaggg gtactgaggc agacgttgtg       60
gcggaaaagg gcagtggctg tagctgccct ttccgtttcc agggttccga ccaggtaata      120
```

```
gaattttcac acttttcttc aagcttcttg ggtccctcca tttttgcgga gtctctgctg      180
gctgagttcc ggaggaggcc tcggggaagg cgtcctctgt tgaccctttt ctcgggagag      240
gtcgggcgga ctaggactg  tctgctatca atgggcgttg gccaggcgag tgagggcgtg      300
agtgcgaggc cggggaggag gacctgtggt tttctggaag ctttcgtatt cggcttgtcg      360
ctgaaggaga gggtccgtgg aggttttgcc tccgagctgc aagctgaacc ttaaccctca      420
gagaac                                                                 426
```


```
        <210> 9789
        <211> 819
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (578)...(821)
        <223> similar to gi2224653 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```


```
        <400> 9789
cccgctcgac gatttcgtgc cgagagaccg catcgtcggc tcggaggctg aggggctgcc       60
gcagccggga gcccccctcg cctcgctcct cgctccgctt ggtgtcatgt gattctctga      120
gggagcagct gcgtgagtgg agatgctttc agtggtggag aatggactgg accccaggc       180
tgccatcccg gtcatcaaga agaagctggt gggatccgtg aaagccttgc aaaagcagta      240
cgtgtccctg gacatggtgg tcactagtga agacggagat gccaacacca tgtgcagcgc      300
cctggaggcc gtatttatcc atggcctgca caccaagcac atccgagctg aggccggagg      360
aaaaaggaag aaaagtgccc accagaagcc tctgccccag cctgtcttct ggcccctcct      420
gaaagctgtc accccaaac acatcatctc agagttggag cacctgacgt ttgtcaacat       480
ggatgtgggc cgctgccggg catggctgcg gctggccctg aacaatggcc tgatggagtg      540
ctacctgaag ctgctgctgc aggagcaggc ccgcttgcaa ctacagcgga aggaatctct      600
ggattccatt tcccattctt caggctctga agacatcgaa gtccatcact cgggccataa      660
gatacggagg aaccagaagc cgactgcctc ctccctcagc ctggacacgg ccagttcatc      720
ccagctgtcc tgcagcttaa actgtgatag ctgcttactc aagagaatg  gctccaagag      780
tccagaccat gtattgcggc cgctcagagg atcaagctt                            819
```


```
        <210> 9790
        <211> 758
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (155)...(673)
        <223> similar to gi3873920 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
      <400> 9790
tttcgtggac agctggcgcc ggcagcagcg gaccggcggg agacggcggc ttgcgagctg        60
gctgtgctgc aggagctgcg gcagccgccg tccttgcacc taaggaacct ctgctgccag       120
cccttcctca cttttggaaa tggcgggtga aattacagag accggggaac tctactcttc       180
ctacgttggg ctggtgtaca tgtttaacct catcgtgggc acgggcgcac tcaccatgcc       240
caaggcattc gccactgccg ggtggcttgt cagcctcgtc ctgctggtgt tcctgggctt       300
catgagcttc atgaccacca cctttgtgat agaggccatg gctgcagcca acgcgcagct       360
ccactggaag aggatggaga acctcaagga ggaggaagat gacgactcct ccacagcctc       420
agacagcgat gttctcatcc gggacaacta cgagcgggca gagaagcggc ccatcctgtc       480
tgtgcagaga cgtggatctc ccaacccgtt tgaaatcaca gaccgggtgg aaatgggaca       540
aatggcctcc atgttcttca ataaagtggg ggtcaacttg ttctatttct gcatcatcgt       600
ttacctgtat ggagacctcg ccatctatgc tgctgccgtg cccttctccc tcatgcaggt       660
gacctgcagc gccactggca atgactcctg cggtgtggaa gcagacacca aatacaatga       720
cactgaccgg tgctggggggc ccctgcgccg agtggacg                              758


      <210> 9791
      <211> 1915
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (471)...(1732)
      <223> similar to gi3881075 in the genepept database release 114,
         Run with FASTXY 3.3t00, default parameters


      <400> 9791
agcggccgct cgcgatctag aactagttga ggaacctacc ggtaccggcc gcgcgctgtt        60
agtcgccggt gtggctgcac ctcaccaatc ccgtgcgccg cggctgggcc gtcggagagt       120
gcgtgtgctt ctctcctgca cgcggtgctt gggctcggcc aggcgggggtc cgccgccagg       180
gtttgaggat gggggagtag ctacaggaag cgaccccgcg atggcaaggt atattttgt        240
ggaatgaaaa ggaagtatta gaaatgagct gaagaccatt cacagattaa tattttttggg       300
gacagatttg tgatgcttga ttcacccttg aagtaatgta gacagaagtt ctcaaatttg       360
catattacat caactggaac cagcagtgaa tcttaatgtt cacttaaatc agaacttgca       420
taagaaagag aatgggagtc tggttaaata aagatgacta tatcagagac ttgaaaagga       480
tcattctctg ttttctgata gtgtatatgg ccattttagt gggcacagat caggattttt       540
acagtttact tggagtgtcc aaaactgcaa gcagtagaga aataagacaa gctttcaaga       600
aattggcatt gaagttacat cctgataaaa acccgaataa cccaaatgca catggcaatt       660
ttttaaaaat aaatagagca tatgaagtac tcaaagatga agatctacgg aaaaagtatg       720
acaaatatgg agaaaaggga cttgaggata tcaaggtgg ccagtatgaa agctggaact       780
attatcgtta tgattttggt atttatgatg atgatcctga aatcataaca ttggaaagaa       840
gagaatttga tgctgctgtt aattctggag aactgtggtt tgtaaatttt tactccccag       900
gctgttcaca ctgccatgat ttagctccca catggagaga ctttgctaaa gaagtggatg       960
ggttacttcg aattggagct gttaactgtg gtgatgatag aatgctttgc cgaatgaaag      1020
gagtcaacag ctatcccagc ctcttcattt ttcggtctgg aatggcccca gtgaaatatc      1080
atggagacag atcaaaggag agtttagtga gttttgcaat gcagcatgtt agaagtacag      1140
tgacagaact ttggacagga aattttgtca actccataca aactgctttt gctgctggta      1200
ttggctggct gatcactttt tgttcaaaag gaggagattg tttgacttca cagacacgac      1260
```

```
tcaggcttag tggcatgttg tttctcaact cattggatgc taaagaaata tatttggaag    1320
taatacataa tcttccagat tttgaactac tttcggcaaa cacactagag gatcgtttgg    1380
ctcatcatcg gtggctgtta tttttttcatt ttggaaaaaa tgaaaattca aatgatcctg   1440
agctgaaaaa actaaaaact ctacttaaaa atgatcatat tcaagttggc aggtttgact    1500
gttcctctgc accagacatc tgtagtaatc tgtatgtttt tcagccgtct ctagcagtat    1560
ttaaaggaca aggaaccaaa gaatatgaaa ttcatcatgg aaagaagatt ctatatgata    1620
tacttgcctt tgccaaagaa agtgtgaatt ctcatgttac cacgcttgga cctcaaaatt    1680
ttcctgccaa tgacaaagaa ccatggcttg ttgatttctt tgcccccgta agttatttt    1740
atctgtcaga ttctaacatt gtcagatctt ctcctgttat ggcaaaaaga catttctag    1800
ataactttga atcattagta caaaaactgt gtcattccat tatggccact aatgcatatt    1860
gctttaaat gagtgctaat gtaattactc ctccagggta ttgaagctag ctctc  '       1915
```


        <210> 9792
        <211> 760
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (307)...(761)
        <223> similar to gi3461882 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters

        <400> 9792
```
tttcgtagag tgttgagccg ccatatctgc tgctgccgcc gcagttgcga atgcagcatc     60
ggcgcttagc tgcctccgcg gtgcagctaa ggttcgtgtc gctaccccctt ggcccttcgc    120
tcttgctgcc ttaacccgc cggcggagcc cgctcttctg gcctgttgag cccgctccct     180
cactgccaca cagcaagttc cgagaccatg gattcgggca gcagcagcag cgactcggcg     240
cccgattgct gggaccaggt ggacatggaa tccccggggt cggccccgag cggggatgga    300
gtctcctctg cggtggccga ggcccagcgc gagcccctca gctcggcttt cagccgtaag    360
ctcaacgtca acgccaagcc cttcgtgcct aacgtacacg ccgcggagtt cgtgccgtcc    420
ttcctgcggg gcccgactca gccgcccacc ctccggccg gctccggcag caacgatgaa    480
acctgcaccg gcgcgggata ccctcaaggt aaaaggatgg gacggggggc acctgtggaa    540
ccttcccgag aggaaccgtt agtgtcgctt gaaggttcca attcagccgt taccatggaa    600
ctttcagaac ctgttgtaga aaatggagag gtggaaatgg ccctagaaga atcatgggag    660
cacagtaaag aagtaagtga agccgagcct gggggtggtt cctcgggaga ttcagggccc    720
ccagaagaaa gtggccagga aatgatggag gaaaaaaaaa                          760
```


        <210> 9793
        <211> 1069
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (1)...(1070)
```

<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (450)...(1072)
<223> similar to gi1477586 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9793
tttcgtgctg gagtggccag ctgggcctgg agcaatgcga gcgggccccc agggagcgac   60
agcggcgttg gcgcagcggc cgaaggagcc ccggccggga agtgtggatg cgtctctccc   120
gaggccgggc cgcctcgccc gctctagtcc agcggagccc gagcgcctcg gaccaatccc   180
cagtgattat gcaagacagc ggaccaatca gctccgccag ctcatgaata tttatgacct   240
tcgctgagtc aaagctttga accgagtttg gggagctcag cagcatcatg cttagacttt   300
tcaaagagac aaactccatt ttcttatgaa tggaaagtga aaacccctgt tccgcttaaa   360
ttgggttcct tcctgtcctg agaaacatag agacccccaa aagggaagca gaggagagaa   420
agtcccacac ccagaccccg cgagaagaga tgaccatgac caccatgcca gaaagtctca   480
acagccccgt gtcgggcaag gcggtgttta tggagtttgg gccgcccaac cagcaaatgt   540
ctccttctcc catgtcccac gggcactact ccatgcactg tttacactcg gcgggccatt   600
cgcagcccga cggcgcctac agctcagcct cgtccttctc ccgaccgctg ggctacccct   660
acgtcaactc ggtcagcagc cacgcatcca gcccctacat cagttcggtg cagtcctacc   720
cgggcagcgc cagcctcgcc cagagccgcc tggaggaccc aggggcggac tcggagaaga   780
gcacggtggt ggaaggcggt gaagtgcgct tcaatggcaa gggaaaaaag atccgtaaac   840
ccaggacgat ttattccagt ttgcagttgc aggctttgaa ccggaggttc cagcaaactc   900
agtacctagc tctgccggag agggcggagc tcgcggcctc tttgggactc acacagactc   960
aggtcaagat ctggttccaa aacaagcgat ccaagttcaa gaagctgatg aagcanggtg 1020
gggcggctct ggagggtagt gcgttggcca acggtcgggc cctgtctgt   1069

<210> 9794
<211> 480
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (194)...(479)
<223> similar to gi487785 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9794
ccggattccg ggtcgacgat ttcgtgcggc ttttgtgttg ggcagcgcga atgtggcgag   60
ctcggtgcgt ctccgctgct ccttcccctt atccctggga ggtccaagtg gtcccgcggc   120
agcttctgtt gctctgggac ctgcaggtcc cggaaggtcc ttagggagga ccccagacac   180
cggagactgg gaaatggatt cagtgtcatt tgaagatgtg gctgtggcct ttactcagga   240
ggagtgggct ttgctggatc cttctcaaaa gaatctctac agagatgtga tgcaagaaat   300
cttcaggaac ctggcttctg taggaaacaa atcagaagac cagaatatcc aagatgactt   360
caaaaatcct gggagaaatc taagcagtca tgtggtagag agactgtttg aaattaaaga   420

aggcagtcaa tatggagaaa ccttcagcca ggattcaaat ttgaatctga ataagatagt   480

<210> 9795
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (63)...(470)
<223> similar to gi2516239 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
        <400> 9795
cgtaatctct cagcctttct gtgtctcctt tcctccgcct cagtttgggg cgggtcgggg      60
gaatggctga ggagatggag tcgtcgctcg aggcaagctt ttcgtccagc ggggcagtgt     120
caggggcctc agggtttttg cctcctgccc gctcccgcat cttcaagata atcgtgatcg     180
gcgactccaa tgtgggcaag acatgcctga cctaccgctt ctgcgctggc cgcttccccg     240
accgcaccga ggccacgata ggggtggatt tccgagaacg agcggtggag attgatgggg     300
agcgcatcaa gatccagcta tgggacacag caggacaaga acgattcaga aagagcatgg     360
ttcagcacta ctacagaaat gtacatgctg ttgtcttcgt gtatgatatg accaacatgg     420
ctagtttttca tagcctacca tcttggatag aagaatgcaa acaacat                  467
```

<210> 9796
<211> 628
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (71)...(627)
<223> similar to gi2330797 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

```
        <400> 9796
attttattgg gtgaccaaag ctggccccgc gggtgcctgg cctgtgggca gccggaccga      60
cacgatgtgg cggctccgct gcaaggccaa ggacggcacc catgttttgc aggggctgtc     120
cagccggacc cgggtgcggg aactccaggg ccaaattgcc gccatcaccg ggatcgcccc     180
cggcggtcag cgaatcctcg tcggataccc tcccgagtgc ctggatctca gcaatgggga     240
taccattctg gaagacttgc ccatccaatc tggtgacatg ctgatcattg aagaagacca     300
aaccaggccc agaagttcac ctgcatttac taaacgtggt gcttctagtt acgtcaggga     360
aactttgcct gtgcttacca gaaccgtggt cccagcagac aactcttgcc tctttactag     420
tgtgtactat gtcgtcgaag gaggagtctt gaatccagct tgtgcccctg agatgagacg     480
```

```
cctcatagca caaattgtag caagcgatcc agacttctat agtgaggcaa tactgggaaa      540
aacaaatcaa gagtactgtg actggatcaa aagggatgac acttggggag gagcaataga      600
gatatcgatt ttgtccaagt tttaccat                                        628
```

<210> 9797
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (100)...(209)
<223> similar to gi4062852 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9797
```
atcgtgttcg gcgctgcggg ctcggtgcga ggacgcgacg gggaggcttt gcaaaggccg       60
cgagcggggg tcaccgtcgg ccgcgccagg gacagcaaca tggctgacaa ggccaagcct      120
gccaaagctg ccaacaggac gccccccaag tccccggggg acccctcgaa ggactgggca      180
gccaagaagc tgtcgctgga gttggaggac atgtgcaccg agtggtgtgg acggccgtct      240
cgcggggctg tggtgctggt cagacctcgg tcagggctcc ttgggagcag cgggactcga      300
gccacgttcc tgaaaagctg ccgagaggcc tttaaggcca aacctcacta gcatcaggaa      360
gggttcacat cccgagctca gtcttcagca aagaccagag tgctggccca ccctgctcct      420
tgaatctgga aagcac                                                     436
```

<210> 9798
<211> 490
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (112)...(491)
<223> similar to gi558599 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9798
```
tggcaccgat ccgagattcc cggatcgacg atttcgtcgg agccccgagg ggccggagct       60
cctggcggtg ccggatcctg acggcggcct tcccccgggt cgattgtgat catggctgct      120
gagtctgatg ttctgcattt ccagtttgaa cagcaaggag atgtggtctt gcagaaaatg      180
aatcttttga gacagcagaa tttatttgt gatgtatcaa tttacattaa tgacactgag       240
ttccaggggc acaaggtgat tttggctgct tgctccactt ttatgagaga tcagtttta       300
ctcacacagt caaaacatgt cagaatcacc atcttacaga gtgcagaagt tggcagaaaa      360
```

```
ttgttactgt cttgctatac tggagcactt gaagttaaaa ggaaagagct tttgaaatac      420
ttgactgctg ccagttacct tcagatggtt cacattgcgg aaaagcgcac agaagctttt      480
gtcaagttct                                                             490
```

```
        <210> 9799
        <211> 621
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (17)...(623)
        <223> similar to gi2916861 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9799
gagtggacga tttcgtgcgg agagcgaggc cgagaccccc agcaccccgg gggagttcga       60
gagcaagtac ttcgagttcc atggcgtgcg gctgccgccc ttctgccgcg ggaagatgga      120
ggagatcgcc aacttcccgg tgcggcccag cgacgtgtgg atcgtcacct accccaagtc      180
cggcaccagc ttgctgcagg aggtggtcta cttggtgagc cagggcgctg accccgatga      240
gatcggcttg atgaacatcg acgagcagct cccggtcctg gagtacccac agccgggcct      300
ggacatcatc aaggaactga cctctccccg cctcatcaag agccacctgc cctaccgctt      360
tctgccctct gacctccaca atggagactc caaggtcatc tatatggctc gcaaccccaa      420
ggatctggtg gtgtcttatt atcagttcca ccgctctctg cggaccatga gctaccgagg      480
cacctttcaa gaattctgcc ggaggtttat gaatgataag ctgggctacg gctcctggtt      540
tgagcacgtg caggagttct gggagcaccg catggactcg aacgtgcttt ttctcaagta      600
tgaagacatg catcgggacc t                                                621
```

```
        <210> 9800
        <211> 866
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (164)...(868)
        <223> similar to gi3002588 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters
```

```
        <400> 9800
gccgcatctg catcagccgc cgcagccgct gcggggccgc gaacaaagag gaggagccga       60
ggcgcgagag caaagtctga aatggatgtt acatgagtca ttttaaggga tgcacacaac      120
tatgaacatt tctgaagatt ttttctcagt aaagtagata aagatggatg aatcagcctt      180
```

```
gttggatctt ttggagtgtc cggtgtgtct agagcgcctt gatgcttctg cgaaggtctt     240
gccttgccag catacgtttt gcaagcgatg tttgctgggg atcgtaggtt ctcgaaatga     300
actcagatgt cccgagtgca ggactcttgt tggctcgggt gtcgaggagc ttcccagtaa     360
catcttgctg gtcagacttc tggatggcat caaacagagg ccttggaaac ctggtcctgg     420
tgggggaagt gggaccaact gcacaaatgc attaaggtct cagagcagca ctgtggctaa     480
ttgtagctca aaagatctgc agagctccca gggcggacag cagcctcggg tgcaatcctg     540
gagcccccca gtgaggggta tacctcagtt accatgtgcc aaagcattat acaactatga     600
aggaaaagag cctggagacc ttaaattcag caaaggtgac atcatcattt tgcgaagaca     660
agtggatgaa aattggtacc atggggaagt caatggaatc catggctttt tccccaccaa     720
ctttgtgcag attattaaac cgttacctca gcccccacct cagtgcaaag cactttatga     780
ctttgaaggg aaagacaagg aagcagacaa agattgcctt ccatttgcaa aggatgatgt     840
tctgactgtg atccgaagag tggatg                                         866
```

```
        <400> 9801
tgccctgact acacagtgat aagaggtgtc ttttttgttt attattaaag aaatgacgta      60
ttgggacaga agtctaggag aaactgataa aacattaatt gaaatgaaaa tgccaagaaa     120
ataaaggtct gtgaatagta ggcacgtgag aggatatatt aaggctgcat tattatgttt     180
gctttaacca gtgaatgaat tatgagctta atttcaaacg tgaaatgcct aacataaaaa     240
gtcttggatt gacaaatctg aactttctgt taaaaagatt aagttctgta cttcctttaa     300
ttacagatta tgtctacttt gagaattcct ccagcaaccc atacctaata agaaggatag     360
aagaactcaa caagactgca agtggcaacg tggaagcaaa agtagtatgc ttttatagac     420
gacgtgatat ttccaacaca cttataatgc tcgcagataa gcatgctaaa gaaattgagg     480
aagaatctga acaacagtt gaggctgact tgaccgataa gcagaaacat cagttgaaac     540
ataggggaact cttttgtca cgccagtatg aatctctgcc cgcaacacat atcaggggaa     600
agtgcagtgt tgcccttctg aatgagacag aatcagtatt gtcatatctt gataaggagg     660
atacctcctt ctactcattg gtctatgacc cctcattgaa aacactatta gctgacaaag     720
gtgaaatcag agtgggacct agatatcaag cagacattcc agaaatgctg ttagaaggta     780
cgtttttctg cgtgtttgca gttttgtgaa acaaatatat cttgaaactc aaatatacat     840
gtcctcatgt agaaaaggca atgttcaggg caaagtctaa aagttataag cacttgccat     900
tttactgttc tttgtaaaaa ataaaaaata aataaataaa tagagatgag gcctcgctat     960
gttgccaagg ctggtcttga tctcctggcc tcaaacaatc ctcccacctc ggactcccaa    1020
aagtgatgct attataggtg tggcctggcc agcactttca t                       1061
```

```
                                7976
```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (129)...(352)
<223> similar to gi786322 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9802
```
ccccctgggt atccacatga cccacttccc ggaagcgcag cagacccgct caacttcatc     60
ctgggttgag gcggaggaga acttccagaa ttatggcgaa gtccgggctg aggcaggacc    120
cgcagagcac agctgcagcc actgtgctaa agcgggcagt agaactagat tcggagtcgc    180
ggtatccgca ggctctggtg tgttaccaag aggggattga tctgctcctg caggttctga    240
aaggtaccaa agataatact aagagatgta atctcagaga aaaaatttcc aaatacatgg    300
acagagcgga aaacataaag aagtacttgg accaagaaaa agaagatgga aaatatcaca    360
agcaaattaa aatagaagag aatgcaacag gtttcagtta tgagtcactt tttcgcgaat    420
accttaatga gacagttaca gaagtttgga tagaagatcc ttatattaga catactcatc    480
agctgtataa ctttcttcga ttttgtgaga tgcttattaa gagaccatgt aaagtaaaaa    540
ctattcacct tctcacctct ctggatgaag gcattgagca agtgcagcaa agtagaggcc    600
tgcaagaaat agaagagtca ctcaggagtc acggagtgct gttggaagtt caatactctt    660
cttcaataca tgaccgagaa attaggttca acaatggatg gatgattaag attggaaggg    720
gacttgatta tttttaagaaa ccacagacag gatataatct tatgagtaaa tgtgtagcac    780
tgttttttgta tcatttttaa tgatactctt ttcttctctt cttagagaac gttttccctt    840
ggatattgtg attttgattt aagaccatgt catgaaacaa cagtagacat ttttcataag    900
aagcatacaa aaaatatat                                                  919
```


<210> 9803
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (141)...(428)
<223> similar to gi2645856 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 9803
```
tttcgtgcta gaggcgactc gggggattct agggcgacgg cgctgccgcc attttgtggg     60
gtgtttgtcg cagcggccga ggagggaaga cggcagtttg gcgacatttc tcggccgagg    120
ggccatttgc ttttgcggag atgcggcatt ccaaaagaac tcactgtcct gattgggata    180
gcagagaaag ctggggacat gaaagctatc gtggaagtca caagcggaag aggagatctc    240
atagtagcac acaagagaac aggcattgta aaccacatca ccagtttaaa gaatctgatt    300
gtcattattt agaagcaagg tccttgaatg agcgagatta tcgggaccgg agatacgttg    360
acgaatacag gaatgactac tgtgaaggat atgttcctag acattatcac agagacattg    420
gaagcggg                                                              428
```

<210> 9804
<211> 1058
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (195)...(1061)
<223> similar to gi4558637 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9804
gcctccgatg gctccggatt cgttactggc gagccatggc gctggggctg gggcgcgcaa   60
ggccgggcct ttcctgtgga gtcatctcac cgccgtgcgc acccactcgt aactcgcacc   120
cgggtcctgg ctgcaccgca tcccctcctg caccccctgg atggcccttc agccaacggg   180
ggcctgggcg atggtcgacc acggagctgc gcaaggaaaa gtcccgggat gcggcccgca   240
gccggcgcag ccaggagacc gaggtgctgt accagctggc tcacacgctg cccttcgccc   300
gcggcgtcag cgcccacctg gacaaggcct ctatcatgcg cctcaccatc agctacctgc   360
gcatgcaccg cctctgcgcc gcaggggagt ggaaccaggt gggagcaggg ggagaaccac   420
tggatgcctg ctacctgaag gccctggagg gcttcgtcat ggtgctcacc gccgagggag   480
acatggctta cctgtcggag aatgtcagca aacacctggg cctcagtcag ctggagctca   540
ttggacacag catctttgat ttcatccacc cctgtgacca agaggagctt caggacgccc   600
tgaccccacca gcagaccctg tccaggagga aggtggaggc ccccacggag cggtgcttct   660
ccttgcgcat gaagagtacg ctcaccagcc gcgggcgcac cctcaacctc aaggcggcca   720
cctggaaggt gctgaactgc tctggacata tgagggccta caagccacct gcgcagactt   780
ctccagctgg gagccctgac tcagagcccc cgctgcagtg cctggtgctc atctgcgaag   840
ccatcccca cccaggcagc ctggagcccc cactgggccg aggggccttc ctcagccgcc   900
acagcctgga catgaagttc acctactgtg acgacaggat tgcagaagtg gctggctata   960
gtcccgatga cctgatcggc tgttccgcct acgagtacat ccacgcgctg gactccgacg   1020
cgggcagcaa gagcatccac accttgctga gcaagggg   1058

<210> 9805
<211> 706
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (321)...(709)
<223> similar to gi1575347 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9805
agaggaggtt ggtgtggagc acaggcagca ccgagcctgc cccgtgagct gagggcctgc   60
agtctgcggc tggaatcagg atagacacca aggcaggacc cccagagatg ctgaagcctc   120
tttggaaagc agcagtggcc cccacatggc catgctccat gccgccccgc cgcccgtggg   180
acagacaggc tggcacgttg caggtcctgg gagcgctggc tgtgctgtgg ctgggctccg   240
tggctcttat ctgcctcctg tggcaagtgc cccgtcctcc cacctggggc caggtgcagc   300
ccaaggacgt gcccaggtcc tgggagcatg gctccagccc agcttgggag cccctggaag   360
cagaggccag gcagcagagg gactcctgcc agcttgtcct tgtggaaagc atcccccagg   420
acctgccatc tgcagccggc agccctctg cccagcctct gggccaggcc tggctgcagc   480
tgctggacac tgcccaggag agcgtccacg tggcttcata ctactggtcc ctcacagggc   540
ctgacatcgg ggtcaacgac tcgtcttccc agctgggaga ggctcttctg cagaagctgc   600
agcagctgct gggcaggaac atttccctgg ctgtggccac cagcagcccg acactggcca   660
ggacatccac cgacctgcag gttctggctg cccgaggtgc ccatgt   706

<210> 9806
<211> 744
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (464)...(659)
<223> similar to gi688395 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9806
gggccacggg gcgaccgaga tggcggcctc cgggggccta gagggaccct gggcgtgcac   60
tcgcccttcc ggctcgggct ttagttagtg accagctcct cggcgttctg cagagcgtgg   120
gtttcagcga gttctacgtg ccaggtccgc ccggtgccgg cttcctcgct gcccctggcg   180
gctcgtcagc ccccactacc cctgaacttg gtcccaatgg cggcccgccc ctccttcacc   240
cggaccgtgg gcatctgggc ctcgccgaag ccgtcaaggt ggctgctcgg gcttctagag   300
cccgtgtcca gccctttgcc accgaggcct gatcctcttt tctgccctaa agaacttgcc   360
ctgacagcct ctggctcccg ctcttgagga tcttgcttgt ccaaacccag aagacagtgc   420
atgaagccag gggacatccg ccatgctcca aacaacttgg cctcaggagt cagtgacctt   480
tgaggatgtg gctgtttact tcacccagaa tcaatgggcc agcctcgacc ctgcgcagag   540
ggccctgtac ggggaggtga tgctggagaa ttatgcaaat gtggcttctc tggtagcgtt   600
tccattcccc aaacctgctc tgatctccca cctggagaga ggggaagcac catggggccc   660
agatccctgg gacaccgaga ttctgagagg catcagtcaa ggtggtgagt cctggatcaa   720
aaatgaaggg ctagttataa agca   744

<210> 9807
<211> 953
<212> DNA
<213> Homo sapiens

<220>

<400> 9807

```
gtcgacgcgg ccgcgcggcc gcgtcgactg gaggccgcca ggaccgctgt actccgggtg        60
aagcggaagc gcagtgcgga gccggcggag gctcttgtgc tcgcttgtaa acgcctccgg       120
agcgacgcgg tcgagtcagc ggcacagaag acgtcggagg atttggagag agcggcggag       180
aataatgtct tccacttggt ggccactgtg tgctcccagg aggaaccagt ccagcctctc       240
ctgcgggaag ttctgcgccc gtcacgggac agccagcagc gtgtccgccg taatctccgc       300
gcctcggctc gggaggtccg gcaggagggc cgctaccggg tgctttccag ccgccgatcc       360
ttggggacca cctcgagcgg ccaggagtcc gagtacacgc cggggaaccc agaagccgcc       420
gggaactcgg gctttcagtt gttagacctt gtccacgagg agggagaacc tgaagccgcc       480
tctgcaggct cctgcaaaac atctgaccca gatgtgatcc tctgcaattc tgtagagttg       540
atccgtgagc gattgactgt gtctgaggat ggaccaggag tcaggcgcca ggaagaacaa       600
aaacacgatg actatgtgta tgacatttac tacttggaga cggccactcc aggctggatt       660
gagaacatcc tctccgtgca gccctacagc caagaatggg agctggtgaa tgatgatcaa       720
gaaccagagg acatttacga cgatgaagat gacgagaaca gtgagaataa ctggcgcaat       780
gagtacccag aggaggagag cagtgatgga gatgaggatt ccagaggctc tgctgactac       840
aacagcctga gtgaggagga aagaggcagc agcagacagc ggatgtggag caagtaccct       900
ctggatgtgc agaaggagtt cggctatgac agcccccacg acctggattc aga             953
```

<210> 9808
<211> 1401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<400> 9808

```
gcggccgcca tggcggagaa ttggaagaac tgcttcgagg aggagctcat ctgccctatc        60
tgcctgcacg ttttcgtgga gccagtgcag ctgccgtgca aacacaactt ctgccggggc       120
tgcatcggcg aggcgtgggc caaggacagc ggcctcgtac gctgcccaga gtgcaaccag       180
gcctacaacc agaagccggg cctggagaag aacctgaagc tcaccaacat cgtggagaag       240
ttcaatgccc tgcacgtgga gaagccgccg gcggcgctgc actgcgtgtt ctgccgccgc       300
ggcccccgc tgcccgcgca gaaggtctgc ctgcgctgcg aggcgccctg ctgccagtcc       360
cacgtgcaga cgcacctgca gcagccctcc accgcccgcg ggcacctcct ggtggaggcg       420
gacgacgtgc gggcctggag ctgcccgcag cacaacgcct accgcctcta ccactgcgag       480
gccgagcagg tggccgtgtg ccagtactgc tgctactaca gcggcgcgca tcaggacac       540
tcggtgtgcg acgtggagat ccgaaggaat gaaatccgga agatgctcat gaagcagcag       600
gaccggctgg aggagcgaga gcaggacatt gaggaccagc tgtacaaact cgagtcagac       660
aagcgcctgg tggaggagaa agtgaaccaa ctgaaggagg aagttcggct gcagtacgag       720
```

```
aagctgcacc agctgctgga caaggacctg cggcagacag tggaggtcct agacaaggcc    780
caggccaagt tctgcagcga gaacgcagcg caggcgctgc acctcgggga gcgcatgcag    840
gaggccaaga agctgctggg ctccctgcag ctgctctttg ataagacgga ggatgtcagc    900
ttcatgaaga acaccaagtc tgtgaaaatc ctgatggaca ggacccagac ctgcacgagc    960
agcagccttt cccccactaa gatcggccac ctgaactcca agctcttcct gaacgaagtg   1020
gccaagaagg agaagcagct gcggaaaatg ctagaaggcc ccttcagcac gccggtgccc   1080
ttcctgcaga gtgtccccct gtacccttgc ggcgtgagca gctctggggc ggaaaagcgc   1140
aagcactcaa cggccttccc agaggccagt ttcctagaga cgtcgtcggg ccctgtgggc   1200
ggccagtacg gggcggcggg cacagccagc ggtgagggcc agtctgggca gcccctgggg   1260
ccctgcagct ccacgcagca cttggtggcc ctgccgggcg cgcccaacc agtgcactca   1320
agccccgtgt tcccccccatc gcagtatccc aatggctcct tccgcccagc agcccatgct   1380
ccccgcagta tggcggccgc a                                             1401
```


<210> 9809
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (148)...(444)
<223> similar to gi2224699 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9809
```
cggcggagga ggagcagggg gagggctgtc aaattcggga gccagatttt ttcccttctc    60
ctggcaatcc cttccgcttc cccggctccc ggcgtgacat ctgcgggccg gggacctgca   120
tgtgtgtgcg cgcgaaggag cggaagaatg gcagtgctca aactcaccga ccagccacca   180
ttggttcagg caatcttcag cggtgatcca gaggagatcc ggatgctcat ccataaaact   240
gaagatgtga atactctgga ttctgagaaa cgaacccctc ttcatgtggc cgcatttctg   300
ggagatgcag agatcattga actcctgatt ttgtcaggag ctcgtgtaaa tgccaaggac   360
aacatgtggc tgactccact gcaccgggct gttgcttcca gaagtgaaga agcagtacag   420
gttttgatta agcactcagc tggatgtcaa tg                                 452
```


<210> 9810
<211> 523
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = a,t,c or g

<220>
<221> misc_feature
```

<400> 9810

```
acacaaaatt tctgangccc caccctgggg aaaaacgggt gggncccat cgcactcccc      60
aaacctgtgc tcccattcag gccttcagtc ctgcttccca gccgcccgcc ctaggggtc     120
cctgggggct ttgggtttgt ggtggacgcc ccctgagtat gtcccttgtg cttgtgtggc    180
aggtttggtt tcagaacaga agggccaaag agaaacgcct gaagaaggat gcagggcggc    240
accgctgggg gcagttctat aagagcgtca agaggagccg gggcagcagc aagcaggaga    300
aggagagctc tgcagaggac tgtggggtta gtgacagtga gctgagcttc cgaggtgagc    360
agggctggag gggccaggcc gaggccttag gaaagtcccc tgggaatctg taatccctgg    420
cactcaggag ggatctttct tgaggccttg gcaactccct cctgaacaca ggctttcct     480
taagacttgc agtgaagggt gggggaaatg gtagtggccc ttt                      523
```


<210> 9811
<211> 1438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (282)...(1105)

<400> 9811

```
gagctcagga ggtcaaggct gcagtgagct atgattatac ctctgcactc cagtctgggt      60
gacagagcga ggctttgtct gcggtcccag ttacttggaa ggctgagaca ggaggattgc     120
ttgagtccgg gtggttgagg atgcaatgac ctgtgatcat gccactgcac ttcagtccgg     180
gtgacatagt aagaccctcg tgctgcgtgt cgtccagtcc caagctccgg aggaatgccc     240
actcccggct ggagtcctac cggccagaca cggacctgag ccgcgaggac acgggctgca     300
acctgcagca catcagcgac cgggagaaca tagacgattt gaacatggaa ttcaatcctt     360
cagatcatcc tcgggccagc acaatattcc tcagtaaatc tcagacggac gtgagagaaa     420
aacgcaagag tctcttcatt aaccatcatc ctccaggaca aatagcaagg aaatacagtt     480
cctgctccac cattttccta gatgatagca cagtcagtca accaaacctc aagtatacaa     540
ttaaatgtgt cgctcttgca atatattatc acatcaaaaa cagggaccca gatggaagga     600
tgctcttaga tatttttgat gaaaatcttc accctctttc gaaatccgaa gtgccaccag     660
attatgacaa acacaaccca gagcagaagc agatttaccg gttcgttcgg acactgttca     720
gtgctgctca gctgacggct gaatgtgcca tcgtcaccct ggtgtacctt gaaagacttt     780
taacatacgc agagatagat atctgtccgg ccaactggaa gcggattgtt ttaggggcga     840
tcctgctggc ctccaaggtg tgggatgacc aggctgtatg gaatgtggat tactgccaga     900
tcctgaaaga catcacggtg gaggacatga acgagctaga gcgacagttt cttgaattgc     960
tgcagttcaa catcaatgtt ccttccagtg tctatgccaa gtattatttt gatcttcgtt    1020
ctctggcaga agcgaacaac ctgagctttc ccttggagcc cctgagcagg gagagggctc    1080
acaagcttga ggccatctct cgcctctgcg aggacaagta caaggaccta agaagatccg    1140
cgaggaagcg ctcagccagt gcagacaacc tgactctgcc ccggtggtcc ccagccatca    1200
```

```
tctcttaact acggaggccc gccggaggcc acaccatccc ttagtttctc ctttagtttg      1260
agaaaagaca gacttggggt gggtttgttt ttgttttttc tttccttttc tttttttacg      1320
catagctccg tcaagctgcc tggatgagcg cccatgcagc aaggcttgga ggaagcgtca      1380
gtgccctgga gatcccagct cgctctcccc actgtcagca acagcacttc cttcgtgg        1438
```


```
          <210> 9812
          <211> 674
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (557)...(658)
          <223> similar to gi6015442 in the genepept database release 114,
              Run with FASTXY 3.3t00, default parameters
```


```
          <400> 9812
cagtagctgg atctgtatcc aaaatttaac gtattgtagc tctcctgctg tgccaggctc        60
agtttgtttt aaagatttcc cagaggggac gactcagaaa gaggctctga gggtgtggca       120
tcctctgcac actttgggtg ccaccagctg acgtgtgact gtgacttcac gggtggtgcc       180
ccggcctcat atgcttcgtg gttctctgtc tcactcctgc tcacgggcgg tgccccggcc       240
tcacgtgccc cgtggttctc tgtctctctc ctgctcacag gaagtgcccc ggcctcacgt       300
gccccgtggt tctctgtctc gctcctgctc atgggcagtg ccccggcctc acgtgccccg       360
tggttctctg tctctctcct gctcacagga agtgccccgg cctcacgtgc ccgtggtgc        420
tctgtctcgc tcctgctcat gggcagtgcc ccggcctcac gtgccccgtg gttctctgtc       480
tctctcctgc tcacgggcga tgccctggcc tcacgtgccc cgtggttctc tgtctctctc       540
ctgctcacag gaagtgcccc ggcctcacgt gccccgtggt tctctgtctc tctcctgctc       600
acaggcggtg ccctggcctc acgtgcccca tggtgctctg tctctatgct gctcatgggc       660
agtgccccgg cgcg                                                         674
```


```
          <210> 9813
          <211> 1833
          <212> DNA
          <213> Homo sapiens

          <220>
          <221> misc_feature
          <222> (214)...(1441)
          <223> similar to gi3169000 in the genepept database release 114,
              Run with FASTXY 3.3t00, default parameters
```


```
          <400> 9813
tttcgtggag ccgagctggg tgcggtgagg cgcgcagatc accgcggttc ctgggcaggg        60
```

```
cacggaaggc taagcaaggc tgacctgctg cagctcccgc ctcgtgcgct cgccccaccc    120
ggccgccgcc cgagcgctcg agaaagtcct ctcgggagaa gcagcgcctg ttcccggggc    180
agatccaggt tcaggtcctg gctataagtc accatggcac agcaagctgc cgataagtat    240
ctctatgtgg ataaaaactt catcaacaat ccgctggccc aggccgactg ggctgccaag    300
aagctggtat gggtgccttc cgacaagagt ggctttgagc cagccagcct caaggaggag    360
gtgggcgaag aggccatcgt ggagctggtg gagaatggga agaaggtgaa ggtgaacaag    420
gatgacatcc agaagatgaa cccgcccaag ttctccaagg tggaggacat ggcagagctc    480
acgtgcctca acgaagcctc ggtgctgcac aacctcaagg agcgttacta ctcagggctc    540
atctacacct attcaggcct gttctgtgtg gtcatcaatc cttacaagaa cctgcccatc    600
tactctgaag agattgtgga aatgtacaag ggcaagaaga ggcacgagat gccccctcac    660
atctatgcca tcacagacac cgcctacagg agtatgatgc aagaccgaga agatcaatcc    720
atcttgtgca ctggtgaatc tggagctggc aagacggaga acaccaagaa ggtcatccag    780
tatctggcgt acgtggcgtc ctcgcacaag agcaagaagg accagggcga gctggagcgg    840
cagctgctgc aggccaaccc catcctggag gccttcggga acgccaagac cgtgaagaat    900
gacaactcct cccgcttcgg caaattcatt cgcatcaact ttgatgtcaa tggctacatt    960
gttggagcca acattgagac ttatcttttg gagaaatctc gtgctatccg ccaagccaag   1020
gaagaacgga ccttccacat cttctattat ctcctgtctg gggctggaga gcacctgaag   1080
accgatctcc tgttggagcc gtacaacaaa taccgcttcc tgtccaatgg acacgtcacc   1140
atccccgggc agcaggacaa ggacatgttc caggagacca tggaggccat gaggattatg   1200
ggcatcccag aagaggagca aatgggcctg ctgcgggtca tctcaggggt tcttcagctc   1260
ggcaacatcg tcttcaagaa ggagcggaac actgaccagg cgtccatgcc cgacaacaca   1320
gctgcccaaa aggtgtccca tctcttgggt atcaatgtga ccgatttcac cagaggaatc   1380
ctcaccccgc gcatcaaggt gggacgggat tacgtccaga aggcgcagac taaagagcag   1440
gtatgtcctc tggggccagg gcagctggct gcctcctggg tgaatgtccc tgcagcagca   1500
cagttgaggc tgttgtgggc catcctgggg tgtccgtgtc aggcactttc acatgattcc   1560
atgatgcagt cctcacagca acccggagag aggtggcata accccatcta gagcactgga   1620
gaagcttcat ggcacactca aggcttcacg cccaggaagt gccatcctga gactgcattg   1680
tgcctcttta cattgagatg gtattttggc tgattggtca tcaaggatat aggcatgtcc   1740
tgtctggtat aaaagcagga acttgatgcc actgtagctg aactccttct ggtgccaggg   1800
tggcggctcc cgccatcctc gacccgggaa ttc                                1833
```

        <210> 9814
        <211> 1306
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (112)...(1055)
        <223> similar to gi6019470 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters   .

        <400> 9814
```
caggcggtgg ctatacttat taaagttggc gggagctgag cgatcagtcg gtcctgggct     60
ggctgtggtg tagggcgttg caggcagcgc tcacctcctc aggccggcag aatgcgggtg    120
gctgtggctg gctgctgcca cggcgagctg gataagatct atgagacgct ggcgctggca    180
gagcggcgcg gcccggggcc tgtcgacctc ttgctgtgct gcggcgactt ccaggcggtg    240
cgcaacgagg cggatctacg ctgcatggcc gtgccgccca agtatcgtca catgcaaacc    300
ttctacaggt attactctgg agagaaaaag gctccagttc tcacgctctt cattggggga    360
aaccatgaag cctcaaatca tttgcaagag ttaccctatg gtggctgggt ggcaccaaac    420
```

                            7984

```
atttattatt taggtttggc tggtgtggta aaataccgag gtgtaaggat cggtggaatc        480
tctggtatct ttaaatctca tgactatcga aaaggtcatt ttgagtgccc cccttataat        540
tcatctacaa tcaggagtat atatcatgtg agaaatattg aagtctataa attaaaacag        600
ctgaagcagc ctatagatat attcttgtct catgattggc caagaagtat atatcattat        660
ggaaataaga agcaacttct taagactaaa tctttttcc gacaagaagt ggaaaataac         720
acattaggaa gtccagctgc ctcagagctt ttagagcatc tcaaacctac ttattggttt        780
tctgcccacc ttcatgtgaa gtttgccgcc ttgatgcagc atcaggcaaa ggataaagga        840
cagacagcca gagcaaccaa atttttagcc ttggacaaat gcttaccaca tagagatttt        900
cttcagatat tagagataga acatgacccc agtgctcctg attacttgga atatgatatt        960
gaatggctca ctattctcag ggctacggat gatcttatta atgtgactgg gcgcctgtgg       1020
aatatgccag aaaataatgg cctgcatgca aggtaagtca gactttattt aggacctgct       1080
ttttccattg catgcataat ttttatatct cccacctttg ttttgttttg ttttgaaaca       1140
gggtctagct ctgttatcca aactggactg cagtggtgtg atcttggatc ttggctcact       1200
gcatcctctg cctcctgggc taaagggatc ctcccacctc tgcccccaga gtagctggga       1260
ccacaggcat gcaccaccat gcccagctaa ttttttggta tttttg                      1306
```

<210> 9815
<211> 706
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (250)...(650)
<223> similar to gi5360105 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9815
```
ttttgatgcg tcgccgcaca ccggtgataa tcctcgggtc gacccacgcg tccgctccgg         60
cgacagagcc ccgctctcag gcactgctgg agaaccgaga ccgacttctt tctctttacc        120
ctcattggcg cttctctcct gcagtccgcc tctgggccct gccgcatttc ttgagactta        180
aagtggcatt ctaaaggcaa tttaaaaatc atgtcaagct cagttgaaca gaaaaaaggg        240
cctacaagac agcgcaaatg tggcttttgt aagtcaaata gagacaagga atgtggacag        300
ttactaatat ctgaaaacca gaaggtggca gcgcaccata agtgcatgct cttttcatct        360
gctttggtat catcacactc tgataatgaa agtcttggtg gattttctat tgaagatgtc        420
caaaaggaaa ttaaaagagg cacgaagctg atgtgttctt tgtgccattg tcctggagca        480
acaattggtt gtgatgtgaa aacatgtcac aggacatacc actaccactg tgcattgcat        540
gataaagctc aaatacgaga gaaaccttca caaggaattt acatggtcta ttgccgaaaa        600
cacaagaaaa ctgcacataa ctccgaaggt acatcattta gccacgtttc agccactttt        660
cagtttcaag aagaaatttg agtacagatt agtgaattat actata                       706
```

<210> 9816
<211> 677
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (448)...(678)
<223> similar to gi532056 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9816
tttcgtaacg ccgcgtgctc ttcccaaggg gaggacgcgg gagaagccgg ggcctgagtg   60
ctccaaggcc ccgtgggctt cttgggtttg ttgcctccgg ccgctcatta actcaggatg   120
gcgtggaaga cctcgcccgc ctcccctttct gggccgcggc tccgcttaag tgaaggcctg   180
tttgggcgtc cccaccctgg agaggggccg gggtctggat tttcagaact gccactcttc   240
tagtgcgctg gcgtcaatgc tcccttcctc gggccattgg agactccgtt gctttttaat   300
ggcggcagcg gctgctgggt gagcagctgg aggccggaca gtgttcgtcc catccggaga   360
ggatcgcttt ctcctggcgt caccagcgct gggttggtgg gggtagcttt tccctctttg   420
ctcctccatt cttgaagaaa gaagaagatg ccactgccat ttgggttgaa actgaaacgc   480
acccggcgct acacggtgtc cagcaagagt tgcctggttg cccggatcca actgcttaat   540
aacgagtttg tggagttcac cctgtccgtg gagagcactg gccaggaaag cctcgaggcc   600
gtggcccaga ggctggagct gcgggaggtc acttacttca gcctctggta ctacaacaag   660
caaaatcagc gccggtg   677

<210> 9817
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (35)...(445)
<223> similar to gi3598974 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9817
cagccgccag atccttacgc tcaacgtcaa cctcatgctg ggccaggctc aggagtgcct   60
cctggagaag tcgatgttgg acaacaggaa gagctttctg gtggcccgca tcagtgcaca   120
ggtggtagat tactacaagg aggcatgccg ggccttggag aaccccgaca ctgcctcact   180
gctgggccgg atccagaagg actggaagaa acttgtgcag atgaagatct actacttcgc   240
agccgtggct catctgcaca tgggaaagca ggccgaggag cagcagaagt tcggggagcg   300
ggttgcatac ttccagagcg ccctggacaa gctcaatgaa gccatcaagt tggccaaggg   360
ccagcctgac actgtgcaag acgcgcttcg cttcactatg gatgtcattg ggggaaagta   420
caattctgcc aagaaggaca acg   443

<210> 9818
<211> 604

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (189)...(607)
<223> similar to gi3136150 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

        <400> 9818
tttcgtgagc gagctccggg ttttgaaaat gttggaggga aaagctcctc ggagatgagc   60
gtgaccccct ggctcgtggt ggccgcctgt tctcactaac gccatggcgg ggaccggagt   120
gagaaaccgg tgtctgtcac tgactgcaaa gtgagcgaga agcaggctgc gggccgtccc   180
agcacgacgt ggagccccgc ggagacctcg agatgccccg cggggaagct cctggccccg   240
ggagacgggg ggctaaggac gaggccctgg gcgaagaatc gggggagcgg tggagccccg   300
agttccatct gcagaggaaa ttggcggaca gcagccacag tgaacagcaa gatcgaaaca   360
gagtttctga agaacttatc atggttgtcc aagaaatgaa aaaatacttc ccctcggaga   420
gacgcaataa accaagcact ctagatgccc tcaactatgc tctccgctgt gtccacagcg   480
ttcaagcaaa cagtgagttt ttccagattc tcagtcagaa tggagcacct caggcagatg   540
tgagcatgta cagtcttgag gagctggcca ctatcgcttc agaacacact tccaaaaaca   600
                                                                     604
caga

        <210> 9819
        <211> 653
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (389)...(631)
        <223> similar to gi506502 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters

        <400> 9819
gcctgctggg aggtgttgtc ctcggaaacg tcgctggcgc ggagggatgg ttcggcgctt   60
taggcgtctg tcacagacct atctgcgggt cgccttcacc cagcatctca gaaactgcgc   120
gcgggatgaa cattcgggtg tttccggcag gtgacgctgc cgagtccccg cagcaggggg   180
cgagcaaggg actcgcggtt gacgggacac ggatcctcta aggcccagag tgtcccgagt   240
agcggcagtg gggagtgctc agggtacgct aatgatctgt gtcttgtaaa gagcatattg   300
ctgggcttac atccgtttat cttgtttgac tgttatttta atagcttggt gttctcaaga   360
gtctgccctt ccgaggaag aagaggatac aaccaggcct cttgaaacag tgacatttaa   420
ggatgtggct gttgacctta cccaggagga gtgggagcaa atgaaacctg ctcaaagaaa   480
cttgtatcga gatgtgatgc tggagaacta cagcaaccta gtcacagtgg gctgtcaagt   540
caccaaaccg gatgtgatat tcaagttgga gcaagaagag gagccctggg tgatggagga   600
agaaatgttt gggaggcact gtccagaacc cagaagagga gagaactgct gtg   653

                                    7987

```
<210> 9820
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (60)...(390)
<223> similar to gi2393877 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters



      <400> 9820
tttcgtggga ccagcgcctg aggtgccccg gagaggccat gtagctgagc agcaagaaga      60
agcttcacgc cctgtccctg gccgagaaga tccaggtgct ggaactcctg gatgagtcca     120
agatgtccca gtcggaggtg gcccggcgct tccaggtttc ccagccccag atctcgcgca     180
tctgcaagaa taaggagaag ctgctggcgg actggtgcag cggcacagcc aaccgagagc     240
gcaagcgcaa gcgggagtcc aagtacagcg ggatcgacga ggctctgctc tgctggtacc     300
acattgcccg ggccaaggcc tgggacgtga cggggcccat gctgctccac aaagccaagg     360
agctggccga tatcatgggc caggacttcg tgcccagca                            399



      <210> 9821
      <211> 404
      <212> DNA
      <213> Homo sapiens

      <220>
      <221> misc_feature
      <222> (38)...(160)
      <223> similar to gi3043672 in the genepept database release 114,
            Run with FASTXY 3.3t00, default parameters



      <400> 9821
cgacgatttc gtctgccagt tgattaagtt tgacagtgtg gaggtgtgtg tctgctgtga      60
gctgcagcac cagtcgtccg gctgcagcaa cctcggggag acgctgaagc tgaacccgct     120
gcaggagaac tgcaacgctg tgaggctgac cttgaagtcc tccatgggtg gtctccggct     180
ggtagacaag caaagatgta cagagagaga ggatgcggct catctccatg gtaggactac     240
gcctggctca cagcgcctgt catgttttgc acggaggaat ggtccaagtt ggatggtccc     300
agcagctcac cagagtgaca gatgcagcgg ggttggagga atcaagaact gcagcactcc     360
agggcccatc ccatcatggg accaggatct cctcttcagc gtgt                      404
```

<210> 9822
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (295)...(423)
<223> similar to gi5533081 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9822
aatttcgtct acacctctgc ggcgggagtc gcggtggagc ctgaatggag agccggcctg   60
ggggcggcgt tgctgtgact gacacctccg gggtctgtcc cgagaggggg tgattccgcc   120
ggctcccggt tctctcccga gctcggagtt ggtaggggag gaggctttct ccaactaccg   180
ccgctacttc cgaggtacga gactccagtt gtttggccaa agtggctgtg ggccgagcac   240
aggctgccgc gggggcgttc gctgctgaga tcgtgctcgc ggattctcgc agcaatgcag   300
caagtcttgg aaaaccttac ggagctgccc tcgtctactg gagcagaaga aatagaccta   360
attttcctca agggaattat ggagaatcct attgtaaaat cacttgctaa cgctcatgag   420
ag   422

<210> 9823
<211> 635
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (428)...(637)
<223> similar to gi1764014 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9823
gtcgacgatt tcgtcgcgcc tcgagagacc tcaggctggt tgggccactg tggccctctc   60
gaggccggcg ccgcggcaag agcgcatcgg cattacacag ttttggtccc atgcgacctc   120
cggttccccc atcctggccc gcgggacgga tcaggaatgt gaacctgagc acgaccgggg   180
ccacccgggg cttagcgtcc cgtatacacc cacgtgagct tgggatttca gtttcatgga   240
aggaacgtag gtcagggact caggaaacta gggttctaaa agtagatgtg taatatcgac   300
ccacagtgtg ggcccttgag cagatgtctt catcattcaa gctagaatcc tcatgtctgt   360
aaaataaggg aggtgggagt aaggcagtcg tcaaaaatta ctaaccacgc aaacttcatg   420
tccttggcaa atgaaaacaa gacctggaga agtccttatt gattgtttag attccattga   480
agacaccaaa ggaaataatg gagatagagg tagactcttg gtaacaaatt taagaattct   540
ctggcactct ttggcattat caagagtcaa tgtttctgtc ggttacaatt gcatattgaa   600
tattacaaca aggactgcta actctaaatt acgag   635

7989

<210> 9824
<211> 459
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (82)...(460)
<223> similar to gi1261920 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9824
gacgatttcg tgccgggga tgtcacagcg gctcctggga gccagcagcc gccgccgccg   60
ccgcccccgg gaaccgcgat catgaaccc cagtgcgccc gttgcggaaa agtcgtgtat   120
cccaccgaga aagtcaactg cctggataag tattggcata aaggatgttt ccattgtgag   180
gtctgcaaga tggcactcaa catgaacaac tacaaaggct atgaaaagaa gcctattgt   240
aatgcacact acccgaagca gtccttcacc acggtggcag atacacctga aaatcttcgc   300
ctgaagcagc aaagtgaatt gcagagtcag gtcaagtaca aaagagattt tgaagaaagc   360
aaagggaggg gcttcagcat cgtcacggac actcctgagc tacagagact gaagaggact   420
caggagcaaa tcagtaatgt aaaataccat gaagatttt   459

<210> 9825
<211> 674
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (303)...(677)
<223> similar to gi3947434 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9825
tttcgtcgca ggcgcagccc ggcagtcggc ggcgcgctta gggcggaggt ggtgcgtgcg   60
tgcgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgta tgtggagctc gggtgccaag   120
ggcgagccgt cagtccccgg gtgcgagtcc ctgctgtttt acacacccct tctccctcca   180
ggctttttt ctacatcctt cccgcgcccc cacggttgcg gaccgagcga gaacccctt   240
aaacatatgt ggggggcgtg cggggtggca cgagacaaaa ggggcacggg ggtaagcccg   300
ccatggcctc ccggagcctg gggggcctga gcgggatccg cggcggtggc ggcggaggcg   360
gcaagaaaag cctgagcgcc cgcaatgctg cggtggagag gaggaacctg atcaccgtgt   420
gcaggttttc tgtgaagacc ctgattgatc ggtcttgctt tgagacaatt gatgattctt   480
ctcctgaatt taacaatttt gcagctattt tggaacagat tttaagccac cggctaaaag   540
gtcaagtaac ctggtttggt tatgaaagac ctcgtagctt ctgggactat atcagagtgg   600
cttgccggaa agtttcacag aattgtctct gcagcattga aaatatggaa aatgtcagtt   660
cttctagagc taag   674

                                   7990

```
<210> 9826
<211> 672
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (178)...(673)
<223> similar to gi3093476 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


    <400> 9826
gcggccgcgg tcccgggggg cggctgaggg ggccgggccg gggctgcggg gcgaacggcg    60
cggctaggat ccggcggctc agcccggggc ggcgaggctc ggcacggaga tggcggcgcg   120
ctcggcgcag acagagctgt gaaccaaccc cgctcacggc taacaagccc acccaccatg   180
gcgagcccca ctctgagccc cgactcctca tcccaggagg ccctgtcggc ccccacctgc   240
tccccaacct ctgactccga gaacctcagc cccgatgagc tggagctgct ggccaagctc   300
gaagagcaga accggctcct ggaggccgac tccaagtcca tgcgctccat gaatggctcg   360
cggcggaaca gtggctcctc gctagtgtcc agctcctcgg cctcctccaa cctgagccac   420
ctggaggagg acacgtggat cctgtggggc cggatcgcca acgagtggga ggagtggcgg   480
cgcaggaagg agaagctgct caaggagctg atccgcaagg gcatccccca ccacttccgg   540
gccatcgtgt ggcagcttct gtgcagcgcc acggacatgc ccgtcaagaa ccagtactcc   600
gagctgctca agatgtcctc gccgtgcgag aagctgatcc gcagggacat cgcccgcacc   660
tacccggaac at                                                       672



<210> 9827
<211> 826
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (268)...(812)
<223> similar to gi5912495 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters



    <400> 9827
tttcgtccgg ggtagtcgct gggagcaaag ctcgcttctc ccgcgcctgt gcttttgcct    60
gccccggctt acttctcccc gcgtcggtcc gctggccacg tacagctgac cagctcatct   120
tccagcttcg gaccgaggct ccacggccgc cgcaggacc cgcccaccag accctgcgct   180
cggtagccgg tgtgagtgga acgtgccgct gatgacacct ggcagaaggc agccatggag   240
ggcgatggct cagattcgcc ggttaccatt aagaatatcg aaagggagct catttgccca   300
```

7991

```
gcatgcaagg agctgtttac ccacccattg attctccctt gccaacatag tatctgtcat      360
aaatgtgtaa aagaactcct gctgactctc gatgattcat tcaacgatgt gggatcagac      420
aactccaatc aaagcagtcc tcgacttcgg ctcccctccc ctagtatgga taaaattgac      480
cgaattaaca gaccaggctg gaagcgcaat tcattgaccc cgaggacaac tgttttccct      540
tgccctggct gtgagcatga tgtggatctt ggagaacgag gaatcaatgg tctgtttcga      600
aacttcactt tggaaactat tgtggaaaga tatcgtcaag cagctagggc agccacagcc      660
attatgtgtg acctttgtaa accaccacct caagaatcca caaaaagctg catggactgt      720
agtgcaagtt actgcaatga atgcttcaaa attcatcacc cttggggtac tataaaagct      780
caacatgagt atgttggtcc aactactaac ttcagaccca tgtatt                    826
```


        <210> 9828
        <211> 494
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (78)...(284)
        <223> similar to gi557853 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters

        <400> 9828
```
agtcctcacg cgcgcttaga ctcttgggag ttgtagtacg aatccgtcag gccggaacca       60
tggcagtgac caaggagctc ttacagatgg acctgtacgc gctgctaggc attgaggaga      120
aggcagcgga caaagaggta aagaaggcgt ataggcagaa ggccctctcc tgccacccag      180
acaaaaatcc agataatccc agagcagctg aactcttcca ccagctttct caggccttgg      240
aggtgctgac cgatgctgca gccagggctg catatgacaa ggtcaggaaa gccaagaagc      300
aagcagcaga gaggacccag aaacttgatg agaaaaggaa gaaagtgaag cttgacctgg      360
aggcccggga gcggcaggcc caggcccagg agagtgagga ggaagaggag agccggagca      420
ccaggacact agagcaagag atcgaacgcc tgagagaaaa gggttcccgg cagctggaag      480
aacagcagag gctc                                                      494
```


        <210> 9829
        <211> 673
        <212> DNA
        <213> Homo sapiens

        <220>
        <221> misc_feature
        <222> (355)...(464)
        <223> similar to gi2996006 in the genepept database release 114,
           Run with FASTXY 3.3t00, default parameters

<400> 9829

```
atccgccgcg gcgtctccat ggcacgaccc tggcctccga cttcaacgac ttcataaggc      60
ggcgtttctg ggcgcagccg tgtcgctcct ggtttccatc gtgtgggaag aacggagtaa     120
cgagtctcac gcagaaaaag gtcttgagag caccttgtgg cgcacccagt gtaactgtga     180
cgatcaacca tttttgtgtt gtcctccccc acctgccaga agccaaccat gaaggaccgc     240
tcttcaactc ccccccttaca tgttcacgtg gatgagaaca ccctgtcca cgtccacata      300
aaaaaactcc cgaaaccatc agcgaccagc agccagaaat ctcacaagcg aggaatgaaa     360
ggggacactg tgaatgtgcg gcggagtgtc cgggtgaaaa ccaaggtacc ttggatgccc     420
cctggaaaat catctgcccg gcctgtggga tgcaagtggg aggtaggctc acccttgccc     480
aggctttct tctcggactg ctcagatcct agcaggcctc agcctcggta tgattcaggg      540
tcagctatag ctactggaat gtcctaacag accccattta ctgagggcct tgctaaaccc     600
tgaaactatg tgaatcttct tgagttctta tgatactgct gtgtgggaag tcctgctgtc     660
caaaggcaga gat                                                        673
```

<210> 9830
<211> 600
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (168)...(582)
<223> similar to gi3879387 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9830

```
tttcgtgttg agcaccttcg tcgccattgg ctttcctccc ccagctccag cctctctcat      60
cttgggaatc tgcgtcagaa gtcactcgca gtcccgtcag cccagaagac gtaaagcagg     120
ctaccagcaa ttttgagaac ttgcaaaaac agcttgcaag gaaaatgaag cttcctattt     180
tcatagcaga tgcattcaca gcaagagcat ttcgtgggaa tcctgctgct gtttgcctcc     240
tagaaaatga attggatgaa gacatgcatc agaaaattgc aagggagatg aacctctctg     300
aaactgcttt tatccgaaaa ctgcacccga cagacaactt tgcacaaagt tcctgctttg     360
gactgagatg gtttacacca gcgagtgagg tcccactctg tggccatgcc accctggctt     420
ctgcagctgt gctgtttcac aaaataaaaa acatgaatag cacgctcacg tttgtcactc     480
tgagtggaga actaagggcc agacgagcag aggacggcat cgtcctggac ttgcctcttt     540
atccagccca cccccaggac ttccatgaag tagaggactt gataaagact gccataggca     600
```

<210> 9831
<211> 1029
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (78)...(594)
<223> similar to gi3387798 in the genepept database release 114,

7993

Run with FASTXY 3.3t00, default parameters

<400> 9831

```
tttcgtgccg cttccggggt cgggcgcctg gatagctgcc ggctccggct tccacttggt      60
cggttgcgcg ggagactatg gcgtcctcct cggtcccacc agccacggta tcggcggcga     120
cagcaggccc cggcccaggt ttcggcttcg cctccaagac caagaagaag catttcgtgc     180
agcagaaggt gaaggtgttc cgggcggccg accgctggt gggtgtgttc ctgtggggcg     240
tagcccactc gatcaatgag ctcagccagg tgcctccccc ggtgatgctg ctgccagatg     300
actttaaggc cagctccaag atcaaggtca acaatcacct tttccacagg gaaaatctgc     360
ccagtcattt caagttcaag gagtattgtc cccaggtctt caggaacctc cgtgatcgat     420
ttggcattga tgaccaagat tacttggtgt cccttacccg aaacccccc agcgaaagtg     480
aaggcagtga tggtcgcttc cttatctcct acgatcggac tctggtcatc aaagaagtat     540
ccagtgagga cattgctgac atgcatagca acctctccaa ctatcaccag gtcaggcctc     600
tctctagccc cattcttttcc ctctcctccc tactcacata tagctcagct attgtcagta     660
atagatgcca actgggggaga aaactcattg gaagagagaa tccataatca tatcccgccc     720
taaatgggtg agggaagcta ttctgtctga taagatttac aggctggggg cagtggctca     780
cacctcggcc tccccaagtg ctgggattac aggcgtgagc tagcatgcct ggccagggat     840
taaaatattc aaacatgttg tgtgtaccca gatatgctgt taatttagga aaaacagtac     900
aatttctatg aaggggttgt gactattttc tgtagtcaat acagttggga tatctgatct     960
atttctctgt ctactttgga aatgattgca taataaataa aattttactg ttttttttaaa    1020
aacaaaata                                                            1029
```


<210> 9832
<211> 807
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (391)...(808)
<223> similar to gi3493660 in the genepept database release 114,
     Run with FASTXY 3.3t00, default parameters

<400> 9832

```
cagagaacgt ttgtctgcct gatgagagcc acttgggtta agaaactacc tgtgaatagt      60
catcatttct gtccttcatt ggggaatact tttagaggcc agtttccaaa aattctgctt     120
aaaaaagaat tctggttttg tcttactctt ccagatgaga tatcacagag gcttgggcct     180
agattgtcat cagcatactg ctatactatt cgtttgttct tattaagcct tattgtgtgt     240
aatgctgtta cttttttcaga gtgttgcgga gataggaaca tgggagagaa acaatctggg     300
taacatgaaa gtgatgctgg ttgctaaggg aaggcaactt gattctgtgg gaagggctgt     360
agctgatcca tccgttgtct agatttgagt atgagcacag tggaagagga ttctgacaca     420
gtaacagtag aaactgtgaa ctctgtgact ttgactcagg acacagaagg gaatctcatt     480
cttcactgcc ctcagaatga agcggatgaa atagactcag aagatagtat tgaacctcca     540
cataaaaggc tttgtttgtc ctctgaggat gatcagagta ttgatgattc tactccttgc     600
atatcagttg ttgcacttcc actttcagaa aatgatcaga gctttgaagt gaccatgact     660
gcgaccacag aagtagcaga tgatgaggtt actgaggga ctgtgacaca gatacagatt     720
ttgcagaatg agcaactaga tgaaatatct cccttgggta acgaggaagt ttcagcagtt     780
```


7994

<210> 9833
<211> 750
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (172)...(748)
<223> similar to gi1429314 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9833
```
tttcgtcgtt ttcctgggga agcggcgggc ggggtgtatc atccagctgg gtccggggag      60
cgccgccgcc gcctcgatgg ggtgttgaaa agtctcctct agagctttgg aaggctgaat     120
gcactaaaca tgaagagctt gaaagcgaag ttcaggaaga gtgacaccaa tgagtggaac     180
aagaatgatg accggctact gcaggccgtg gagaatggag atgcggagaa ggtggcctca     240
ctgctcggca agaagggggc cagtgccacc aaacacgaca gtgagggcaa gaccgctttc     300
catcttgctg ctgcaaaagg acacgtggaa tgcctcaggg tcatgattac acatggtgtg     360
gatgtgacag cccaagatac taccggacac agcgccttac atctcgcagc caagaacagc     420
caccatgaat gcatcaggaa gctgcttcag tctaaatgcc cagccgaaag tgtcgacagc     480
tctgggaaaa cagctttaca ttatgcagcg gctcagggct gccttcaagc tgtgcagatt     540
ctctgcgaac acaagagccc cataaacctc aaagatttgg atgggaatat accgctgctt     600
cttgctgtac aaaatggtca cagtgagatc tgtcactttc tcctggatca tggagcagat     660
gtcaattcca ggaacaaaag tggaagaact gctctcatgc tggcctgtga gattggcagc     720
tctaacgctg tggaagcctt aattaaaaag                                      750
```


<210> 9834
<211> 1116
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (610)...(1117)
<223> similar to gi5689541 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 9834
```
ggcacgagcg actgtgtatg ctctggagga ctgaaaggct gtacaagccc tatgtatttt      60
ttttcaaata tacatatgca tgggtcttgc tgctgcctct tttgctgact gtaattggac     120
tttgaagctt cgaagttata tcataaaaat ttgtaacctt tgtctgagag agagctcagc     180
```

```
taagcaatca ctttccactt cttttcacag gataatataa acgttttctt gaaagcttgt    240
gaacagattg gattgaaaga agcccagctt ttccatcctg gagatctaca ggatttatca    300
aatcgagtca ctgtcaagca agaagagact gacaggagag tgaaaaatgt tttgataaca    360
ttgtactggc tgggaagaaa agcacaaagc aacccgtact ataatggtcc ccatcttaat    420
ttgaaagcgt ttgagaatct tttaggacaa gcactgacga aggcactcga agactccagc    480
ttcctgaaaa gaagtggcag ggacagtggc tacggtgaca tctggtgtcc tgaacgtgga    540
gaatttcttg ctcctccaag gcaccataag agagaagatt cctttgaaag cttggactct    600
ttgggctcga ggtcattgac aagctgctcc tctgatatca cgttgagagg ggggcgtgaa    660
ggttttgaaa gtgacacaga ttcggaattt acattcaaga tgcaggatta taataaagat    720
gatatgtcgt atcgaaggat ttcggctgtt gagccaaaga ctgcgttacc cttcaatcgt    780
tttttaccca acaaaagtag acagccatcc tatgtaccag cacctctgag aaagaaaaag    840
ccagacaaac atgaggataa cagaagaagt tgggcaagcc cggtttatac agaagcagat    900
ggaacatttt caagactctt tcaaaagatt tatggtgaga atgggagtaa gtccatgagt    960
gatgtcagcg cagaagatgt tcaaaacttg cgtcagctgc gttacgagga gatgcagaaa   1020
ataaaatcac aattaaaaga acaagatcag aaatggcagg atgaccttgc aaaatggaaa   1080
gatcgtcgaa aaagttacac ttcagatctg cagaag                             1116
```

<210> 9835
<211> 988
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (30)...(670)
<223> similar to gi387424 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters

<400> 9835
```
gagtagcggg ggctccggcg ccgggcgaca tgccggttcg cttcaagggg ctgagtgaat     60
accagaggaa cttcctgtgg aaaaagtctt atttgtcaga gtcttgtaat tcctccgtgg    120
ggcgaaagta cccatgggct ggacttagat cagatcaatt aggcatcacg aaagagccaa    180
gttttatttc aaaaagaaga gtcccttacc atgacccaca gatttcaaaa tctctggagt    240
ggaatggagc tatctcagag agcaatgtgg ttgcatcacc agaaccagaa gccccggaaa    300
caccaaaatc acaagaagca gaacaaaagg atgttattca agaaagagtt cactcactag    360
aagcttccag ggttcccaaa agaaccagat ctcactctgc agactccaga gctgaagggg    420
cttcagatgt ggaaaataat gagggtgtaa caaaccatac accagttaat gaaaatgtgg    480
aactggaaca ttctaccaag gttctttcag aaaatgtaga taatgggttg gatagacttc    540
tgcgtaagaa agctggattg actgttgttc cttcatataa tgccttgaga aattctgaat    600
atcaaaggca gtttgtttgg aagacttcta agaaactgc tccagctttt gcagccaatc     660
aggtagttta atggatgtaa tacatttctg agtaccatta tcttatctag taatgtagat    720
ttacatagaa ttaagagttg aaagaaatta agtacttaag tagcctggag gtaggttcta    780
gaaaaccaaa atgagagttt tgctaaaatc atcctattac ttatgattta tggtagtaat    840
attatactgt cctaggcttc tgatgatcat tgttgccaga tgcagcacat atactaaata    900
tgagacaggg taatgaaaac ttggggaact ggtaagtttt tgcatgctac aagatttttt    960
tacttattaa aaaattatta aattgaaa                                       988
```

```
<210> 9836
<211> 530
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(531)
<223> similar to gi1109826 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


        <400> 9836
tttcgttgcg cgttccggaa ctggtttccc ggaaggagta tgtctgcgcc ttcgatccga      60
ccggaagttg cacgctgagc cgcggacacc atgcagtcgg atgatgttat ctgggataca     120
ctaggaaaca agcaattttg ttccttcaaa ataagaacca agactcagag cttctgccga     180
aatgaatata gcctgactgg actgtgtaat cggtcatcct gtcccctggc aaatagtcag     240
tatgccacta ttaaagaaga gaaaggacag tgctacttgt atatgaaggt tatagaacga     300
gcggcttttc ctcggcgtct ctgggaacgg gtccggctta gtaaaaacta tgagaaagca     360
ctggagcaaa tagatgaaaa tctgatttac tggccccgtt tcattcgaca caaatgtaag     420
cagagattca ccaagatcac ccaataccta attcgaatta gaaaacttac actaaagcga     480
cagaggaaac ttgttccttt gagtaagaag gtggagcgta gggagaaaag               530




<210> 9837
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(226)
<223> similar to gi2662099 in the genepept database release 114,
    Run with FASTXY 3.3t00, default parameters


        <400> 9837
tttcgtagag cggggactcg gcgaccctgc cctcccgacc ctcatgttcg aagagcctga      60
gtgggccgag gcggccccag tagccgcggg ccttgggccc gtaatctcac gacctccgcc     120
tgcggcctcc tcgcaaaaca aggtgagtga ctcgcgggag caatgggagc tgtttcaggc     180
cgcgaagcgg acattggtgg atcccagcgc tgtgtgtatt gcggggaggg acacctgtgg     240
caccgttaag ggcgagtcct gatctgaaga tccgagaact tccaaaagaa actgacgttg     300
ggtcagagag agttgttgag taaaagttgg tgaagcgaag agggttcttc agacaggaaa     360
aagtacgtac aagggccctg ggacaagaga gcatgttctg tcagagtcac aaacacaagt     420
ggtcctttt                                                            428
```

```
<210> 9838
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (150)...(484)
<223> similar to gi391872 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


      <400> 9838
tttcgtctgg cggcgggctc cgacgtctgc gccaagacct ggctggctga gcccggcgca    60
gcagcagcag ccagggcagc gcggccccta ctccctgtca ggtcgtagag gcgagcaggg   120
accagctggt cgccggcccc tcgggcaaga tggggaaccg ggagatggag gagctgatcc   180
cgctggtgaa ccgtctgcag gacgcgtttt cggcgctggg acagagctgc ctgctggagc   240
tgccgcagat cgccgtggtg ggcggccaga gcgccggcaa gagctcggtg ctcgagaact   300
tcgtgggcag ggactttctc cctcgagggt cgggcattgt aacaagacga cctcttgtgc   360
tgcagcttgt tacttctaaa gcagaatatg ccgagtttct acattgcaaa ggaaagaaat   420
ttacagattt tgatgaagtt cgccttgaga ttgaagcaga aacagatcgc gtgactggaa   480
t                                                                   481


<210> 9839
<211> 1211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (532)...(1077)
<223> similar to gi4050087 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters


      <400> 9839
gcgaccgggc cgaattcccg ggtcgacgat ttcgtcgccg cgcagcgcgg ctgtatttgc    60
ggcctgtgcg agtaggcgct tgggcactca gtctccctgg cgagcgacgg gcagaaatct   120
cgaaccagtg gagcgcactc gtaacctgga tcccagaagg tcgcgaaggc agtaccgttt   180
cctcagcggc ggactgctgc agtaagaatg tcttttccac ctcatttgaa tcgccctccc   240
atgggaatcc cagcactccc accagggatc ccacccccgc agtttccagg atttcctcca   300
cctgtacctc cagggacccc aatgattcct gtaccaatga gcattatggc tcctgctcca   360
actgtcttag tacccactgt gtctatggtt ggaaagcatt tgggcgcaag aaaggatcat   420
ccaggcttaa aggctaaaga aaatgatgaa aattgtggtc ctactaccac tgtttttgtt   480
ggcaacattt ccgagaaagc ttcagacatg cttataagac aactcttagc taaatgtggt   540
ttggttttga gctggaagag agtacaaggt gcttccggaa agcttcaagc cttcggattc   600
tgtgagtaca aggagccaga atctaccctc cgtgcactca gattattaca tgacctgcaa   660
attggagaga aaaagctact cgttaaagtt gatgcaaaga caaaggcaca gctggatgaa   720
```

```
tggaaagcaa agaagaaagc ttctaatggg aatgcaaggc cagaaactgt cactaatgac      780
gatgaagaag ccttggatga agaaacaaag aggagagatc agatgattaa aggggctatt      840
gaagttttaa ttcgtgaata ctccagtgag ctaaatgccc cctcacagga atctgattct      900
cacccagga agaagaagaa ggaaaagaag gaggacattt tccgcagatt tccagtggcc      960
ccactgatcc cttatccact catcactaag gaggatataa atgctataga aatggaagaa     1020
gacaaaagag acctgatatc tcgagagatc agcaaattca gagacacaca taaggtagta     1080
ttcttgtctt ttcacttgat accaatctag actttttaca gaatccaaag caaagagaca     1140
aaaaaaatca accttaaatt agaatataat tttaaatgtt ttttataggt ttaattgata     1200
tttaaaaaaa a                                                          1211
```

```
<210> 9840
<211> 853
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (197)...(576)
<223> similar to gi3327086 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 9840
ccgaccgggg tgaatttccg ggtcgaggat ttcgtctgga gttgggggag agcccagggc       60
tccagtcgct ccggaggagg cgtgaatcgc gcagggattg actaatttgg ggtggggggt      120
gcggtgggcg atggagcagc ctgaggacat ggcgtcgctg agcgagttcg actccttggc      180
gggcagcatc ccggccacca aggtggagat caccgtgtcc tgcaggaacc tcctggacaa      240
agacatgttt tccaagtccg acccactgtg cgtcatgtat acccaaggga tggagaacaa      300
gcagtggcgg gagtttgggc gcaccgaagt catcgacaac acgctcaatc ctgacttcgt      360
gcgcaagttc attgtggatt acttttttcga ggagaagcag aacctccgtt ttgatctata      420
cgacgttgac tctaagagtc ctgatttatc caaacacgat ttcctgggcc aggccttctg      480
caccccttgga gagattgtgg ggtcccctgg gagccgcctg gaaaagcccc tcacgatagg      540
cgcattcagc ctgaattcca ggacgggcaa acccatgcca gctgtgtcca acggaagtgg      600
tctttggatg gaaagtttga gaaccactgg tctggaagcc tccggtggtg tcccaggaaa      660
gaaatgtggc accatcatcc tgtccgctga ggagctcagc aactgtagga taagcttcag      720
ggagaggcca gtttctctac ctgaaagaag aggaagaaag aagagcccat ggagaagaga      780
gaatgaaagg aagaggccaa gatgtcggca ccaatgcagt tctgtggcaa caactggacc      840
agaaagaatt ctt                                                         853
```

```
<210> 9841
<211> 1152
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (747)...(1155)
```

<400> 9841

```
tttcgtcaaa ggatgaacaa aagcacatgt gtccctatga gtttgaggtg gagagggatg      60
caaaggctcg gggcctggag cagttctctg ccacccacgg gcacacccct atcatcctca     120
atggctggca tggggagtca gctatggacc tctcctgctc atcagagggg tccccaggag     180
ccacatcccc tttcccagtg agcgccagca cccctaagat tggggctatc agttcacttc     240
agggagccct tggcatggac ttgtctggga ttctgcaagc tggcctgatc catcctgtga     300
ctggacagat tgtcaatgga agcctcagaa gagatgatgc agccacgagg aggcggagag     360
ggaggcggaa acatgttgaa ggagggatgg acctcatctt tttgaaggag cagacacttc     420
aggcgggaat cttggaagtc catgaagacc cagggcaggc caccttgagc accacacacc     480
ctgaggggcc agggcctgcc acctcggctc ctgagccagc tacggcagcc agcagccaag     540
ccgagaaatc cattcccagc aagagtctgc ttgactggct aaggcagcag gctgactact     600
ccttagaagt tcctggcttt ggggcaaatt tttcagacaa accaaagcag aggaggccac     660
gctgtaaaga acctggaaaa ttagatgtca gctccctgag cggggaagag agagttcctg     720
ccatccccaa ggagccagga ctgaggggggt ttcttccaga aaacaagttc aatcacactc     780
tggctgagcc tattcttcga gatacgggcc cccgcaggag ggggaggcgg cctcggagcg     840
aactcctgaa ggctccttcc attgtggcag actctccctc tggaatgggg ccactgttca     900
tgaatggact gattgctggg atggacctgg taggacttca gaacatgaga aatatgccag     960
gcatcccccт caccgggctg gtggggtttc cagctggctt tgccacgatg ccaacaggtg    1020
aagaggtcaa aagtaccctg agcatgctgc ccatgatgct gccaggcatg gctgctgtgc    1080
cccagatgtt tggtgttggg ggactcctca gtccacccat ggcaaccacc tgcacttcca    1140
ctgccccggc gc                                                         1152
```

<210> 9842
<211> 1773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(1425)

<400> 9842

```
cccgggtcga cgatttcgtg gggaacagct gatccgtctg ttgggaggac agatatctca      60
aggccaggat ggaagaatca ccactaagcc gggcaccatc ccgtggtgga gtcaactttc     120
tcaatgtagc ccggacctac atccccaaca ccaaggtgga atgtcactac acccttcccc     180
caggcaccat gcccagtgcc agtgactgga ttggcatctt caaggtggag gctgcctgtg     240
ttcgggatta ccacacattt gtgtggtctt ccgtgcctga aagtacaact gatggttccc     300
ccattcacac cagtgtccag ttccaagcca gctacctgcc caaaccagga gctcagctct     360
accagttccg atatgtgaac cgccagggcc aggtgtgtgg gcagagcccc cctttccagt     420
tccgagagcc aaggcccatg gatgaactgg tgaccctgga ggaggctgat gggggctctg     480
acatcctgct ggttgtcccc aaggcaactg tgttacagaa ccagctcgat gagagccagc     540
aagaacggaa tgacctgatg cagctgaagc tacagctgga gggacaggtg acagagctga     600
```